					DEPARTMENT					AMEN	FO DED REPOR	RM 3	
		AP	PLICATION	FOR PER	MIT TO DRILL				1. WELL NAME	and NUMBER Three River	c 16-32-83	20	
2. TYPE O	F WORK	DRILL NEW WELL	REENT	TER P&A WEI	I DEEPEN	N WELL (	١		3. FIELD OR WI				
4. TYPE O	F WELL				thane Well: NO		(		5. UNIT or COM			ENT NAM	1E
6. NAME (	OF OPERATOR			A ENERGY LI					7. OPERATOR F	<b>HONE</b> 720 74	6-5200		
8. ADDRE	SS OF OPERAT				ver, CO, 80202				9. OPERATOR			<u> </u>	
	AL LEASE NUM	BER	SU Lannier S		MINERAL OWNERS	SHIP			12. SURFACE O				
	_, INDIAN, OR S	ML-49319	lfa all	FE	DERAL   INC	DIAN 🔛	STATE (III)	FEE 💭	FEDERAL (	INDIAN (	STATE	~~	EE ()
		OWNER (if box 12 =							14. SURFACE C				
15. ADDR	ESS OF SURFA	CE OWNER (if box	12 = 'fee')						16. SURFACE (	WNER E-MAIL	. (if box 12	= 'fee')	
	N ALLOTTEE O	R TRIBE NAME		MUL	NTEND TO COMM TIPLE FORMATIO (Submit C	NS	RODUCTION FI	_	19. SLANT VERTICAL	DIRECTION	AL 📵 F	IORIZONT	ΓAL 💮
20. LOC	ATION OF WELL			FOOTAG	GES	QTR	R-QTR	SECTION	TOWNSHI	P R	ANGE	МЕ	ERIDIAN
LOCATIO	N AT SURFACE		2	628 FNL 19	970 FEL	SW	VNE	16	8.0 S	2	0.0 E		S
Top of U	ppermost Prod	ucing Zone	1	980 FNL 19	980 FEL	SV	VNE	16	8.0 S	2	0.0 E		S
At Total	Depth		1	980 FNL 19	980 FEL	SV	VNE	16	8.0 S	2	0.0 E		S
21. COUN	ITY	UINTAH		22. [	DISTANCE TO NEA	AREST LEA 197		)	23. NUMBER OF		ILLING UN 0	IT	
					DISTANCE TO NEA		eted)	OOL	26. PROPOSED		TVD: 666	5	
27. ELEV	ATION - GROUN	<b>ID LEVEL</b> 4719		28. E	BOND NUMBER	LPM904			29. SOURCE OF WATER RIGHTS		IMBER IF A		LE
			7	7 '>	Hole, Casing	, and Ce	ment Inform	nation					
String	Hole Size	Casing Size	Length	Weight	Grade & Th	nread	Max Mud V	Vt.	Cement		Sacks	Yield	Weight
Surf	11	8.625	0 - 1000	32.0	J-55 LT8	&C	8.7	Prei	mium Lite High	Strength	100	2.97	11.5
									Class G		115	1.16	15.8
Prod	7.875	5.5	0 - 6767	17.0	J-55 LT8	&C	9.2	Prei	mium Lite High	Strength	440	2.31	12.0
					A	ATTACHM	MENTS						
	VER	IFY THE FOLLO	WING ARE A	ATTACHED	IN ACCORDAN	NCE WITH	H THE UTAH	OIL AND GAS	CONSERVAT	ON GENERA	L RULES		
<b>w</b> w	ELL PLAT OR M	AP PREPARED BY L	ICENSED SU	RVEYOR OR	ENGINEER		COMPLI	ETE DRILLING P	LAN				
AF	FIDAVIT OF STA	TUS OF SURFACE	OWNER AGRI	EEMENT (IF I	FEE SURFACE)		FORM 5.	IF OPERATOR I	S OTHER THAN	THE LEASE OW	NER		
<b>I</b> ✓ DIF	RECTIONAL SU	RVEY PLAN (IF DIR	ECTIONALLY	OR HORIZO	NTALLY DRILLED	p)	TOPOGR	APHICAL MAP					
NAME D	on Hamilton			TITLE Pern	nitting Agent (Buys	s & Associa	ates, Inc)			<b>PHONE</b> 435 7	19-2018		
SIGNATU	IRE			<b>DATE</b> 01/0	03/2013					EMAIL starpoi	nt@etv.net		
	ber assigned )4753494(	0000		APPROVAL	-			Bob	Qqill				
								Permit	Manager				

## **DRILLING PLAN**

Axia Energy, LLC
Three Rivers Project
Three Rivers #16-32-820
SWNE Sec 16 T8S R20E
Uintah County, Utah

#### 1. ESTIMATED FORMATION TOPS

FORMATIO	N	TOP (TVD)	COMMENTS
Uinta		Surface	Gas & Degraded Oil; Possible Brackish H <sub>2</sub> O
Green Rive	r	2,502′	Oil & Associated Gas
Lower Gree	en River*	4,396′	Oil & Associated Gas
Wasatch*		6,365′	Oil & Associated Gas
TD	6,767' (MD)	6,665' (TVD)	

NOTE: Datum, Ground Level (GL) Elevation: 4,719'; Asterisks (\*) denotes target pay intervals

A) The State of Utah, Division of Oil, Gas and Mining will be notified within 24 hours of spudding the well.

# 2. CASING PROGRAM

CASING	HOLE	DEPTH SET (MD)	CSG SIZE	WGHT	GRD	THRD	CAPACITY (bbl/ft)
CONDUCTOR		50-100	13 3/8				
SURFACE	11	1000 ±	8 %	32.0	J-55	LTC	0.0609
PRODUCTION	7 %	6,767′	5 ½	17.0	J-55	LTC	0.0232

NOTE: All casing depth intervals are to surface unless otherwise noted.

#### Casing Specs

SIZE (in)	<b>ID</b> (in)	DRIFT DIA (in)	COLLAPSE RESISTANCE (psi)	INTERNAL YIELD (psi)	TENSILE YIELD (lbs)	JOINT STRENGTH (lbs)
8 %	7.921	7.796	2,530	3,930	503,000	417,000
5 1/2	4.892	4.767	4,910	5,320	272,000	273,000

<sup>\*</sup>The State of Utah will be notified 24 hours prior to running casing, cementing, and BOPE testing

**FLOAT EQUIPMENT** 

**SURFACE (8 %):** Float Shoe, 1 JNT Casing, Float Collar

1<sup>st</sup> 4 Joints: every joint

Centralizers: Remainder: every third joint

**PRODUCTION (5 1/2):** Float Shoe, 1 JNT Casing, Float Collar

Centralizers: 1<sup>st</sup> 4 Joints: every joint

Remainder: every third joint 500' into surface casing

NOTE: 5 1/2" 17# J-55 or equivalent marker collar or casing joints will be placed at the top of the Green

River and approximately 200' above the Wasatch.

3. **CEMENT PROGRAM** 

**CONDUCTOR (13 3/8):** Ready Mix – Cement to surface

SURFACE (8 5/8): Cement Top: Surface

Lead: 100 sks, Premium Lightweight Cmt w/ additives, 11.50 ppg, 2.97

cf/sk, 50% excess

Tail: 115 sks Class G Cement w/ additives, 15.80 ppg, 1.16 cf/sk, 50%

excess

NOTE: The above volumes are based on a gauge-hole + 50% excess.

**PRODUCTION (5 1/2):** Cement Top – 2,300′

440 sacks – Light Premium Cement w/ additives – 12.0 ppg, 2.31

ft3/sk – 20% excess

NOTE: The above volumes are based on gauge hole + 20%

excess. Adjustments will be made and volumes will be caliper +

10%.

NOTE: The above volumes are based on a gauged-hole. Adjustments will be made based on caliper.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- **B)** Cement will not be placed down annulus with a 1" pipe unless the State of Utah is contacted.
- **C)** The State of Utah will be notified 24 hours prior to running casing and cementing.

#### 4. PRESSURE CONTROL EQUIPMENT

- **A)** The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.
- **B)** The BOPE shall be closed whenever the well is unattended.
  - a) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
  - b) Choke Manifold:

- i) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
- ii) Two adjustable chokes will be used in the choke manifold.
- iii) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
- iv) Pressure gauges in the well control system will be designed for drilling fluid.

#### c) BOPE Testing:

- a) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
- b) All BOP tests will be performed with a test plug in place.
- c) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

INTERVAL	BOP EQUIPMENT
0 - 1000 ±	11" Diverter with Rotating Head
$1000 \pm - TD$	3,000# Ram Double BOP & Annular with Diverter & Rotating Head
NOTE: Drilling spool t	o accommodate choke and kill lines

#### 5. MUD PROGRAM

- A) Mud test will be performed at least every 24 hours and after mudding up to determine density, viscosity, gel strength, filtration, and pH.
- **B)** Gas-detecting equipment will be installed and operated in the mud-return system from top of Green River Formation to TD.
  - a) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T's and anchors.

INTERVAL	MUD WGHT	VISC	FLUID LOSS	COMMENTS	
SURF - 1000 ±	8.4 – 8.7 ppg	32	NC	Spud Mud	
$1000 \pm - TD$	8.6 – 9.2 ppg	40	NC	DAP/Gel	

NOTE: Mud weight increases will be directed by hole conditions.

#### 6. ABNORMAL CONDITIONS

- **A)** No abnormal pressures or temperatures are anticipated.
  - a) Estimated bottom hole pressure at TD will be approximately 2,886 psi (normal pressure gradient: 0.433 psi/ft).
  - b) Estimated maximum surface pressure will be approximately 1,466 psi (estimated bottom hole minus pressure of partially evacuated hole (gradient: 0.220 psi/ft)).
- **B)** No hydrogen sulfide is anticipated.

INTERVAL	CONDITION
SURF - 1000 ±	Lost Circulation Possible
$1000 \pm - TD$	Lost Circulation Possible

## 7. **AUXILIARY EQUIPMENT**

A) Choke Manifold

- **B)** Upper and lower kelly cock with handle available
- c) Stabbing valve
- **D)** Safety valve and subs to fit all string connections in use

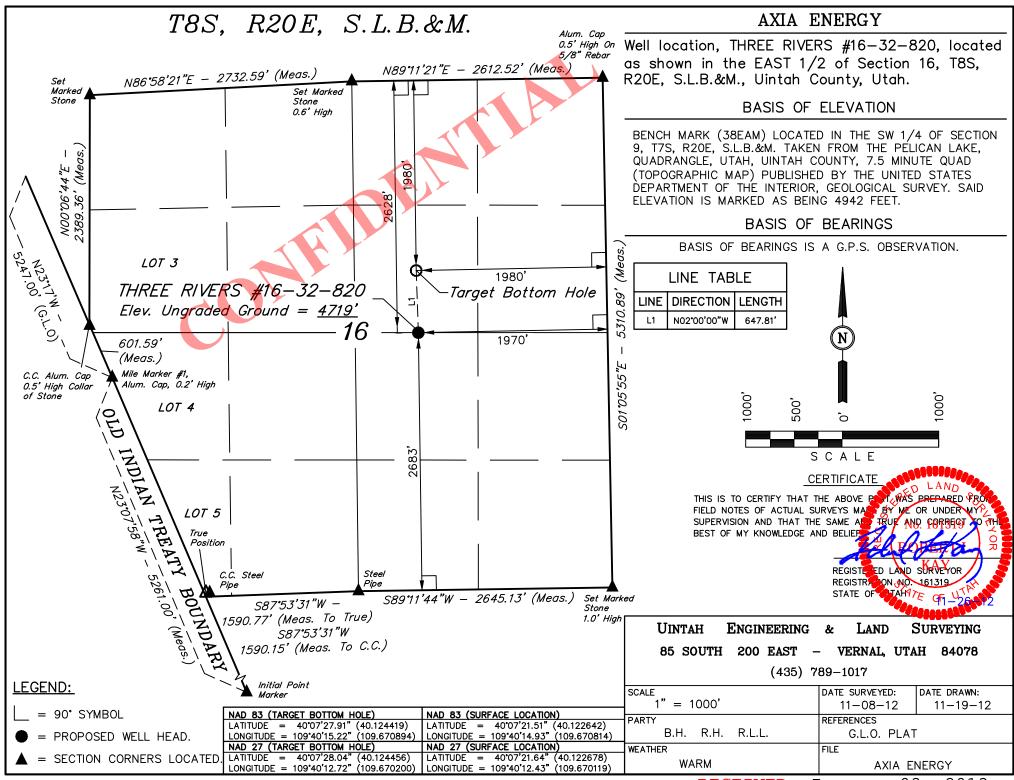
COME

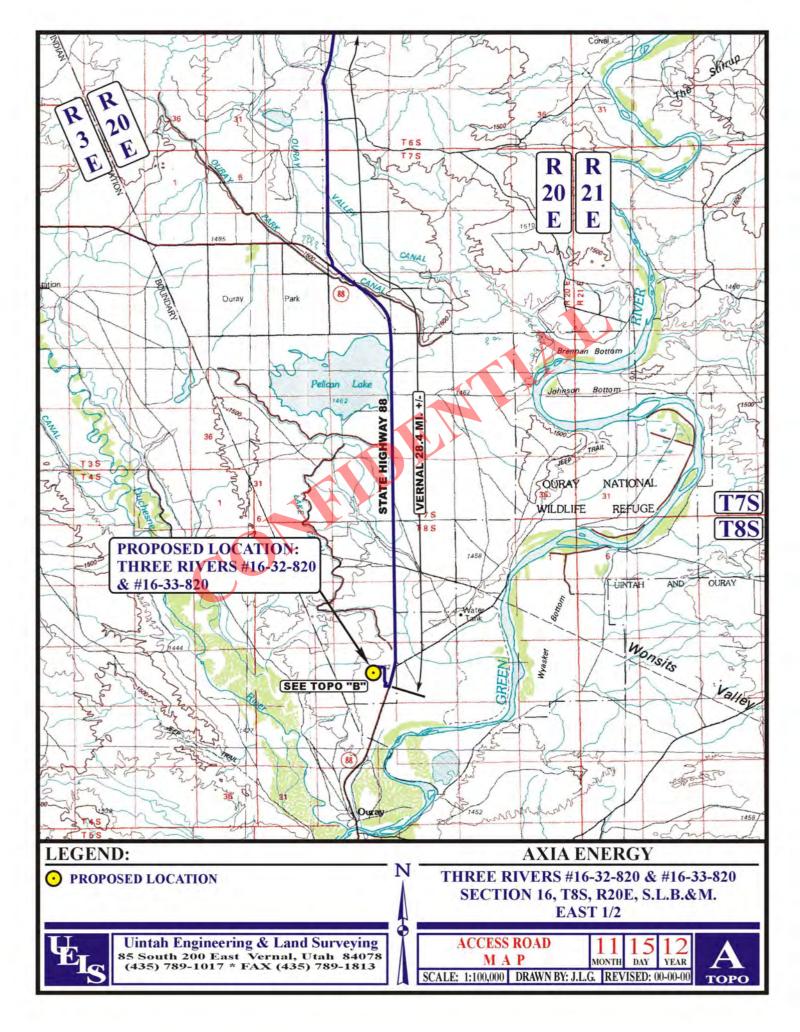
#### 8. SURVEY & LOGGING PROGRAMS

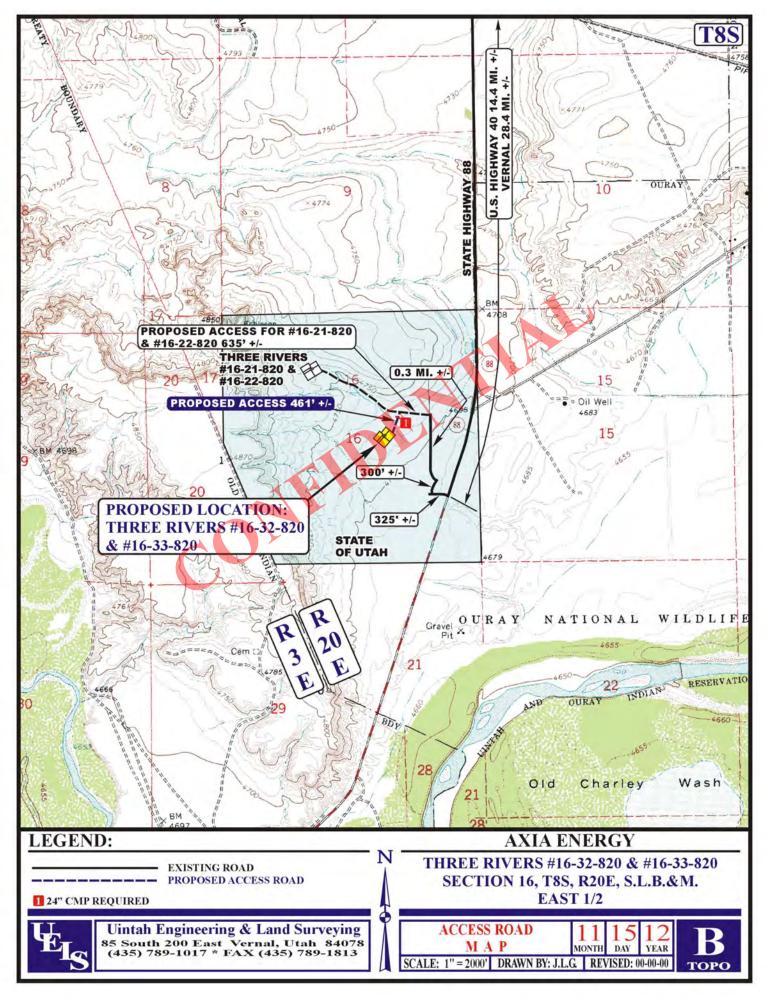
- A) Cores: None anticipated.
- **B)** Testing: None anticipated.
- **C)** Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- **D)** Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- **E)** Mud Logs: Computerized 2-person logging unit will catch and describe 10 foot samples from top of Green River Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

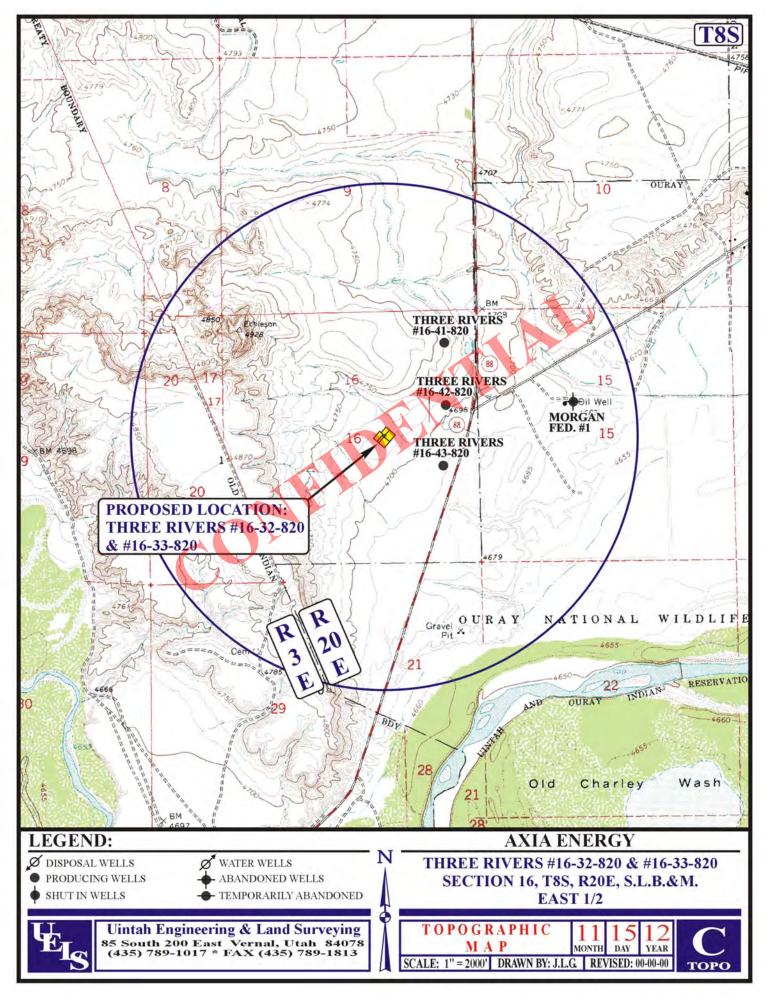
#### 9. HAZARDOUS MATERIALS

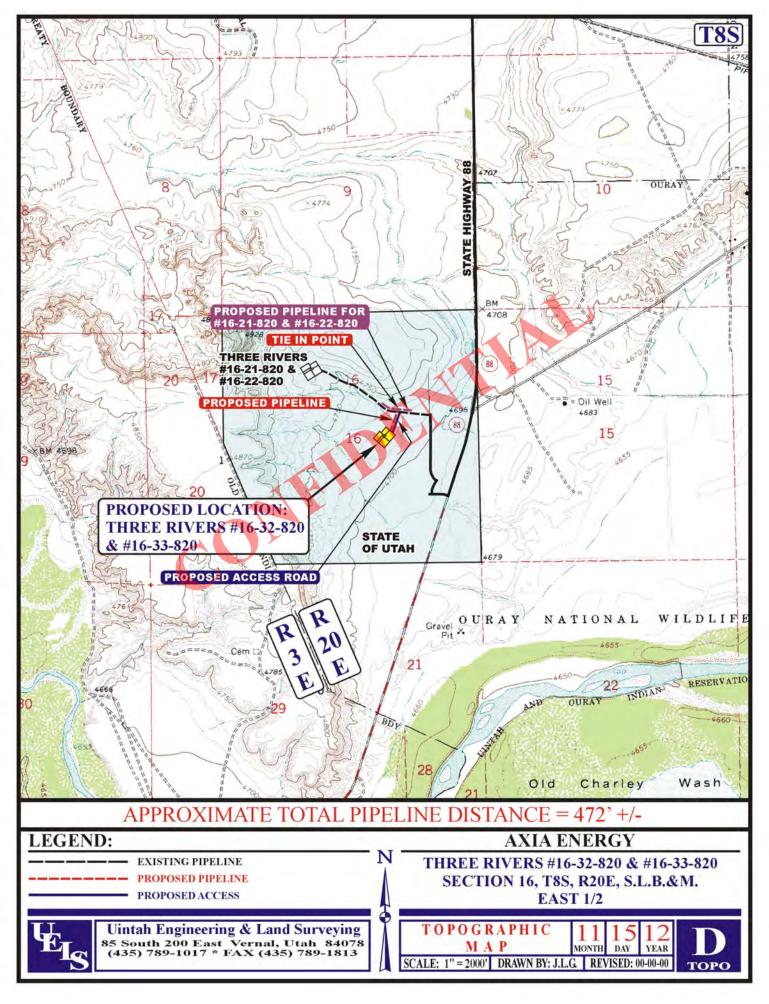
In accordance with Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, no chemicals subject to reporting in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well.

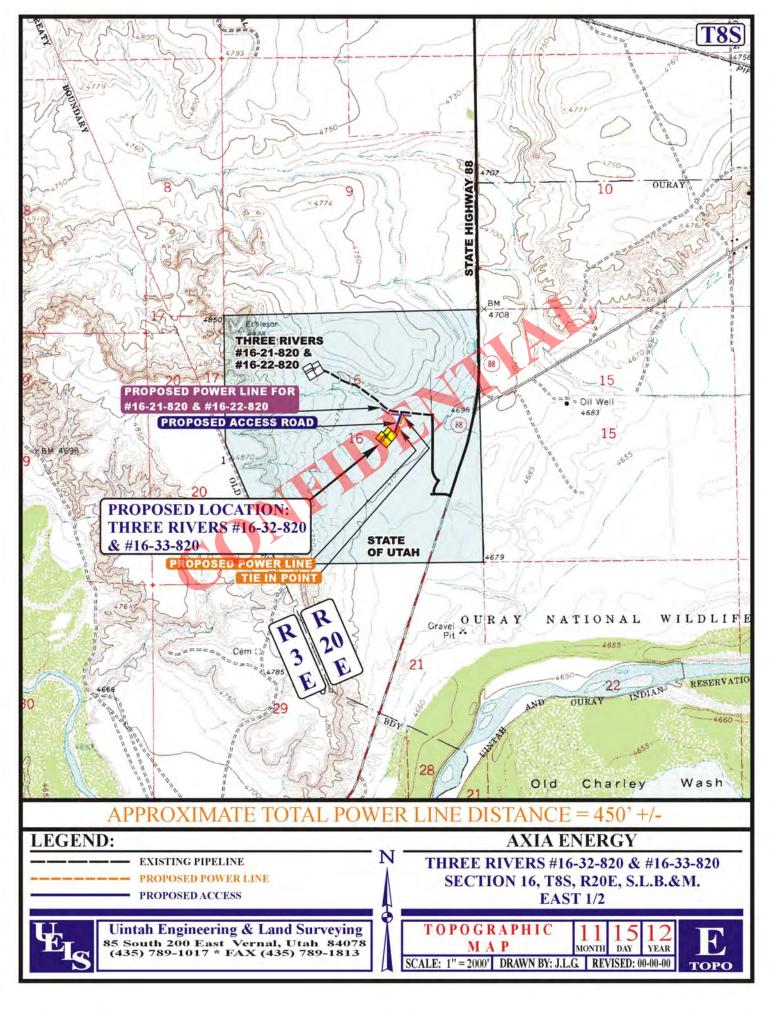


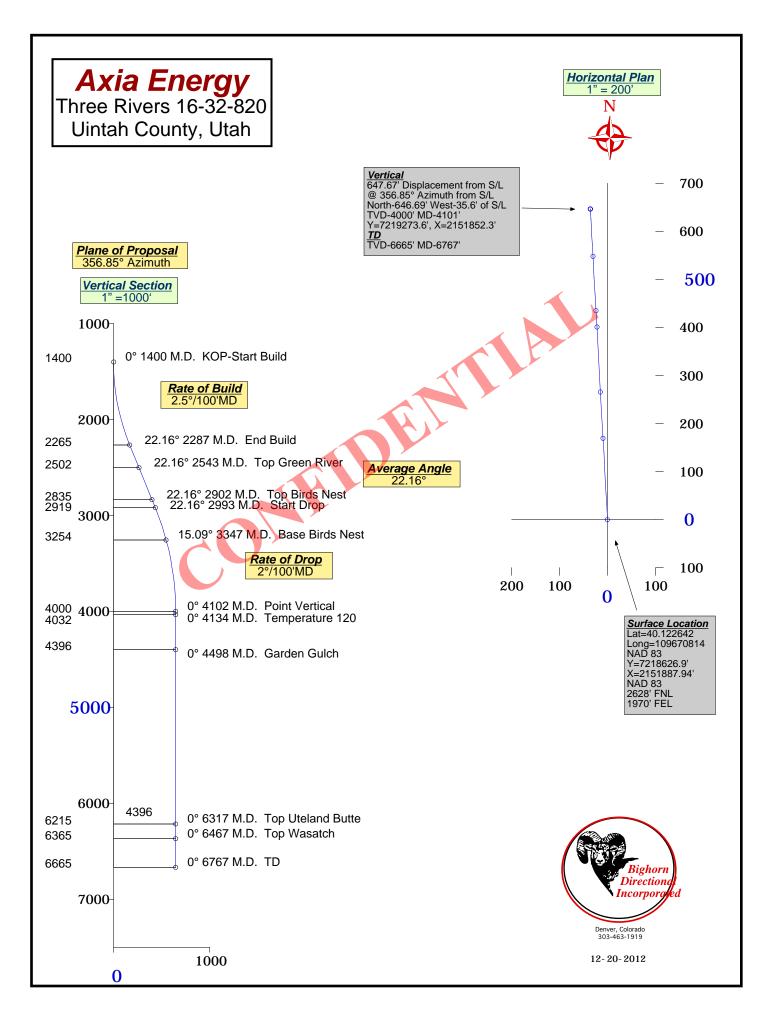












# Bighorn Directional, Inc.

Axia Energy Three Rivers 16-32-820 Uintah County, Utah



Minimum of Curvature Slot Location: 7218626.90', 2151887.94' Plane of Vertical Section: 356.85°

Page: 1

			True	RECTANGU	LAR	LAMB	ERT				
Measured	BORE	HOLE	Vertical	COORDINA	TES	COORDI	NATES	Vertical	CLOSUI	RES	Dogleg
Depth	Inc	Direction	Depth	North(-South) Eas	t(-West)	Υ	X	Section	Distance Dir	rection	Severity
Feet	Degrees	Degrees	Feet	Feet Fee	et	Feet	Feet	Feet	Feet D	)eg	Deg/100'
1400.00	0.00	0.00	1400.00	0.00	0.00	7218626.9	2151887.9	0.00	0.00	0.00	0.00
KOP-Start Buil	ld					~					
1500.00	2.50	356.85	1499.97	2.18	-0.12	7218629.1	2151887.8	2.18	2.18	356.85	2.50
1600.00	5.00	356.85	1599.75	8.71	-0.48	7218635.6	2151887.5	8.72	8.72	356.85	2.50
1700.00	7.50	356.85	1699.14	19.58	-1.08	7218646.5	2151886.9	19.61	19.61	356.85	2.50
1800.00	10.00	356.85	1797.97	34.77	-1.91	7218661.7	2151886.0	34.82	34.82	356.85	2.50
1900.00	12.50	356.85	1896.04	54.24	-2.99	7218681.1	2151885.0	54.33	54.33	356.85	2.50
2000.00	15.00	356.85	1993.17	77.97	-4.29	7218704.9	2151883.7	78.09	78.09	356.85	2.50
2100.00	17.50	356.85	2089.17	105.91	-5.83	7218732.8	2151882.1	106.07	106.07	356.85	2.50
2200.00	20.00	356.85	2183.85	138.01	-7.60	7218764.9	2151880.3	138.21	138.21	356.85	2.50
2286.50	22.16	356.85	2264.56	169.07	-9.31	7218796.0	2151878.6	169.33	169.33	356.85	2.50
End Build											
2542.88	22.16	356.85	2502.00	265.64	-14.62	7218892.5	2151873.3	266.04	266.04	356.85	0.00
Top Green Riv											
2902.45	22.16	356.85	2835.00	401.07	-22.08	7219028.0	2151865.9	401.68	401.68	356.85	0.00
Top Birds Nes											
2993.48	22.16	356.85	2919.31	435.36	-23.97	7219062.3	2151864.0	436.02	436.02	356.85	0.00
Start Drop											
3093.48	20.16	356.85	3012.56	471.40	-25.95	7219098.3	2151862.0	472.12	472.12	356.85	2.00
3193.48	18.16	356.85	3107.01	504.17	-27.76	7219131.1	2151860.2	504.94	504.94	356.85	2.00
0000 40	40.40	05005	2222 ==	<b>500.04</b>		7040400 5	0.15.1050.0	<b>50444</b>	504.44		0.00
3293.48	16.16	356.85	3202.55	533.64	-29.38	7219160.5	2151858.6	534.44	534.44	356.85	2.00
3346.90	15.09	356.85	3254.00	548.01	-30.17	7219174.9	2151857.8	548.84	548.84	356.85	2.00
Base Birds Ne		050.05	2252.22	=== 00	0.4.5.4	70101000	0.4.5.4.0.5.0.4	==0.40	==0.40		0.00
3446.90	13.09	356.85	3350.99	572.32	-31.51	7219199.2	2151856.4	573.19	573.19	356.85	2.00
3546.90	11.09	356.85	3448.76	593.24	-32.66	7219220.1	2151855.3	594.14	594.14	356.85	2.00
3646.90	9.09	356.85	3547.21	610.74	-33.62	7219237.6	2151854.3	611.66	611.66	356.85	2.00
3746.90	7.09	356.85	3646.21	624.79	-34.40	7219251.7	2151853.5	625.74	625.74	356.85	2.00
3846.90	5.09	356.85	3745.64	635.39	-34.98	7219262.3	2151853.0	636.36	636.36	356.85	2.00

# Bighorn Directional, Inc.

Axia Energy Three Rivers 16-32-820 Uintah County, Utah

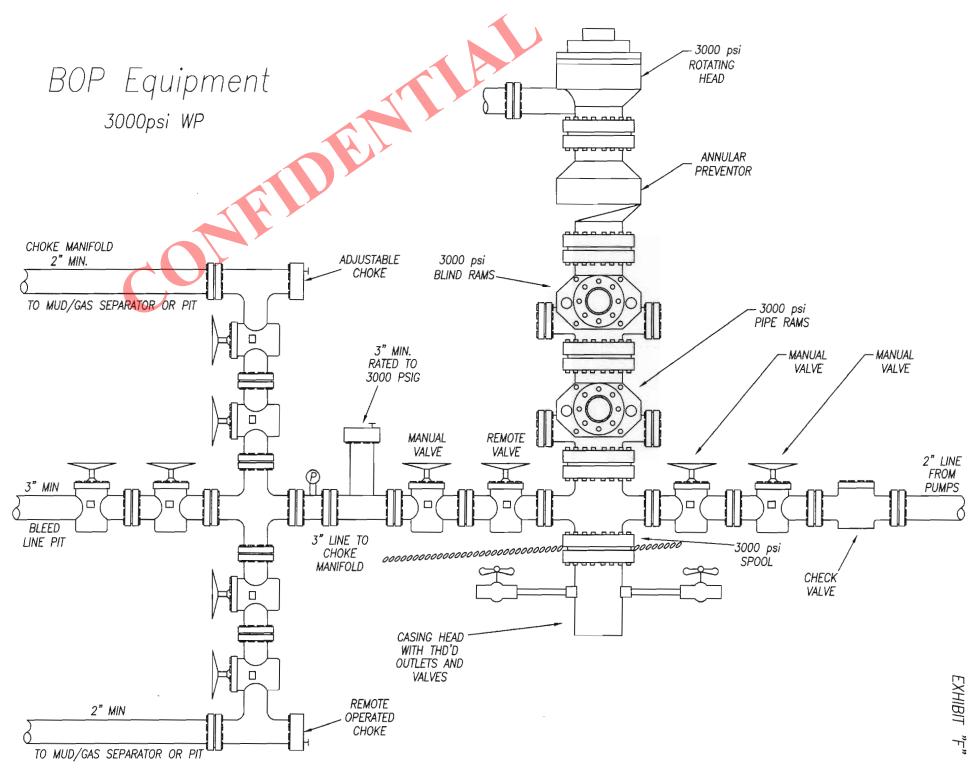


Minimum of Curvature Slot Location: 7218626.90', 2151887.94' Plane of Vertical Section: 356.85°

Page: 2

			True	RECTANG	ULAR	LAME	BERT				
Measured	BORE	HOLE	Vertical	COORDIN	ATES	COORD	INATES	Vertical	CLOSU	RES	Dogleg
Depth	Inc	Direction	Depth	North(-South) Ea	ast(-West)	Υ	X	Section	Distance Di	rection	Severity
Feet	Degrees	Degrees	Feet	Feet F	eet	Feet	Feet	Feet	Feet [	Deg	Deg/100'
3946.90	3.09	356.85	3845.38	642.52	-35.37	7219269.4	2151852.6	643.49	643.49	356.85	2.00
4046.90	1.09	356.85	3945.31	646.17	-35.57	7219273.1	2151852.4	647.15	647.15	356.85	2.00
4101.60	0.00	356.85	4000.00	646.69	-35.60	7219273.6	2151852.3	647.67	647.67	356.85	2.00
Point Vertical											
4133.60	0.00	356.85	4032.00	646.69	-35.60	7219273.6	2151852.3	647.67	647.67	356.85	0.00
Temperature 12	20										
4497.60	0.00	356.85	4396.00	646.69	-35.60	7219273.6	2151852.3	647.67	647.67	356.85	0.00
Garden Gulch											
6316.60	0.00	356.85	6215.00	646.69	-35.60	7219273.6	2151852.3	647.67	647.67	356.85	0.00
Top Uteland Bu	ıtte										
6466.60	0.00	356.85	6365.00	646.69	-35.60	7219273.6	2151852.3	647.67	647.67	356.85	0.00
Top Wasatch											
6766.60	0.00	356.85	6665.00	646.69	-35.60	7219273.6	2151852.3	647.67	647.67	356.85	0.00
TD											

Final Station Closure Distance: 647.67' Direction: 356.85°





2580 Creekview Road Moab, Utah 84532 435/719-2018

January 3, 2012

Mrs. Diana Mason State of Utah Division of Oil Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Axia Energy, LLC – **Three Rivers 16-32-820**Surface Location: 2628' FNL & 1970' FEL, SW/4 NE/4, Section 16, T8S, R20E,
Target Location: 1980' FNL & 1980' FEL, SW/4 NE/4, Section 16, T8S, R20E,
SLB&M, Uintah County, Utah

#### Dear Diana:

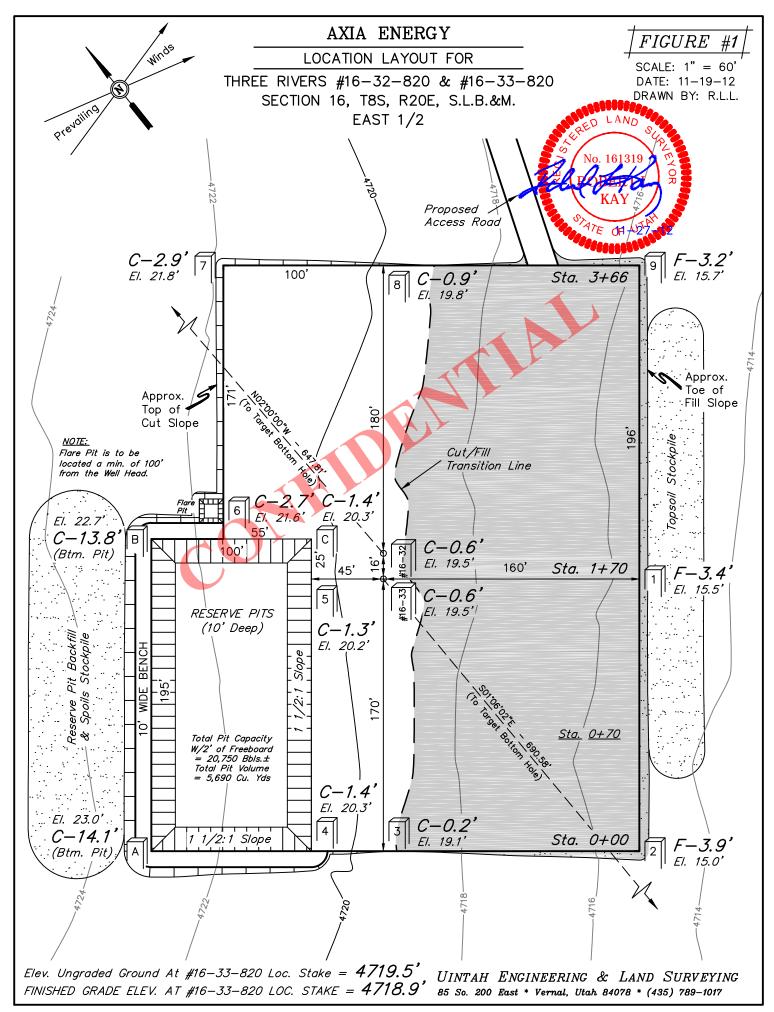
Axia Energy, LLC respectfully submits this request for exception to spacing (R649-3-11) based on geology since the well is located less than 460 feet to the drilling unit boundary. Axia Energy, LLC is the only owner and operator within 460 feet of the surface and target location as well as all points along the intended well bore path and are not within 460 feet of any uncommitted tracts or a unit boundary.

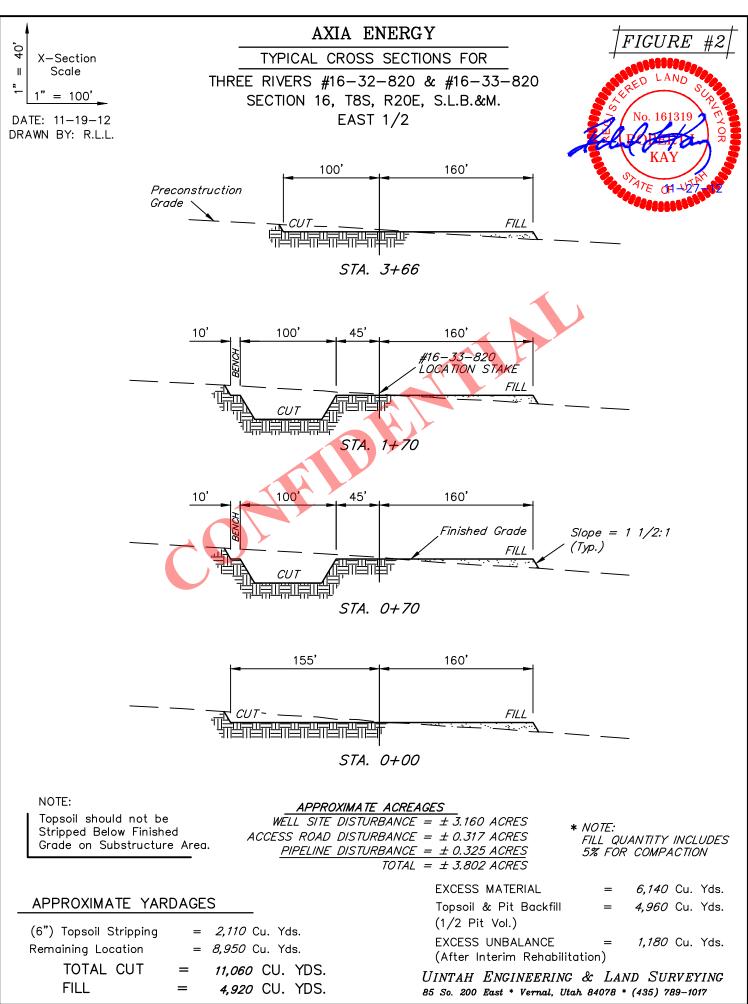
Thank you very much for your timely consideration of this application. Please feel free to contact Jess A. Peonio of Axia Energy, LLC at 720-746-5212 or myself should you have any questions or need additional information.

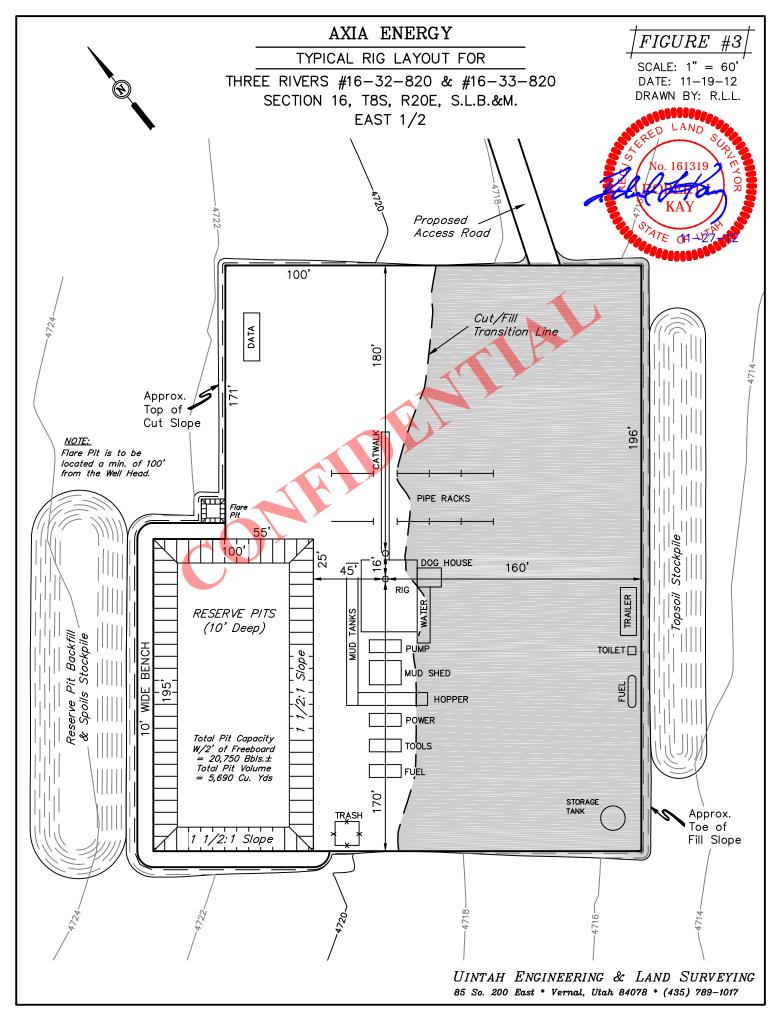
Sincerely,

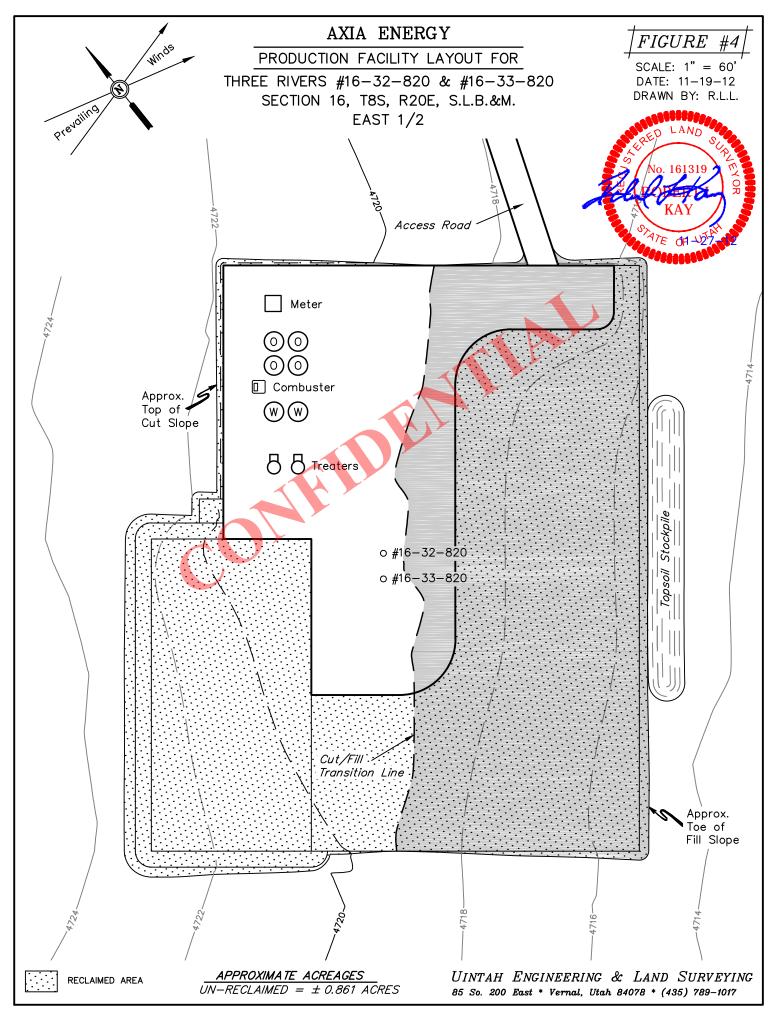
Don Hamilton Agent for Axia Energy, LLC

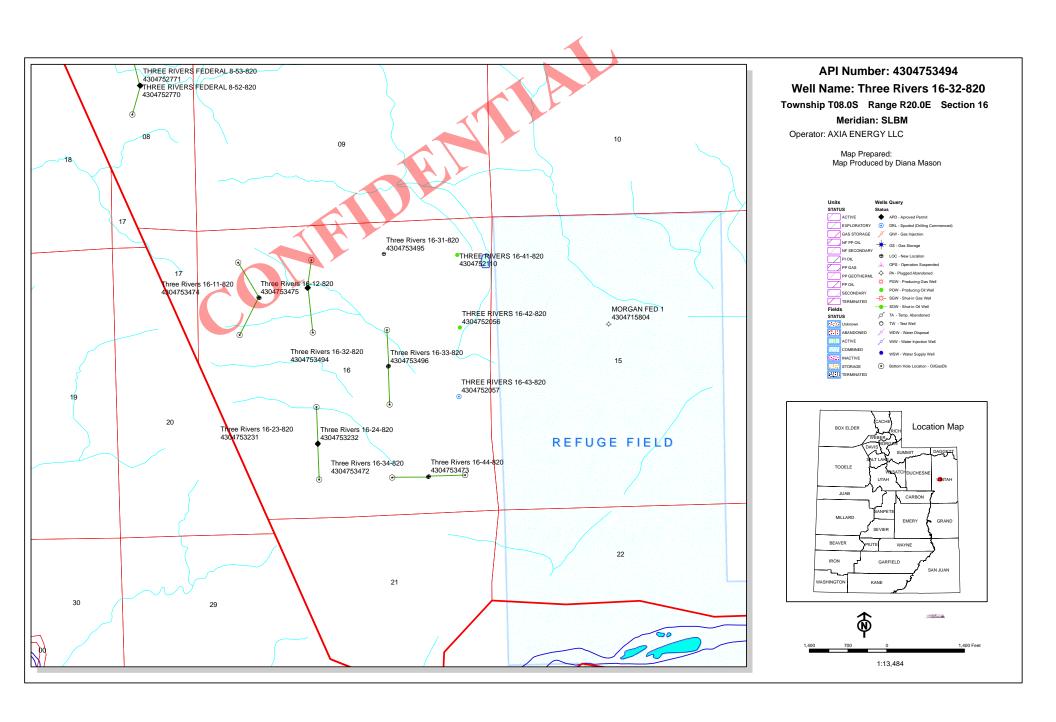
cc: Jess A. Peonio, Axia Energy, LLC

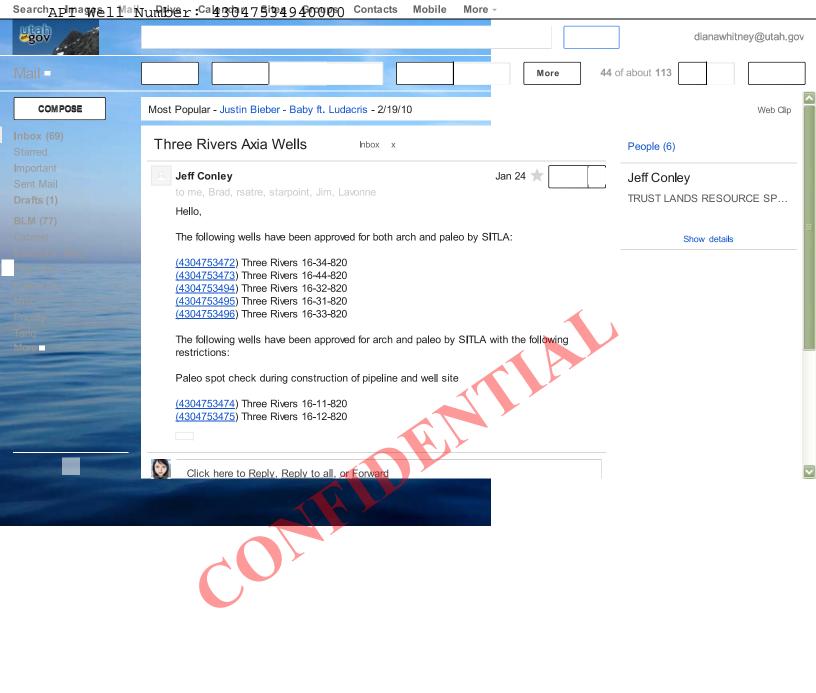








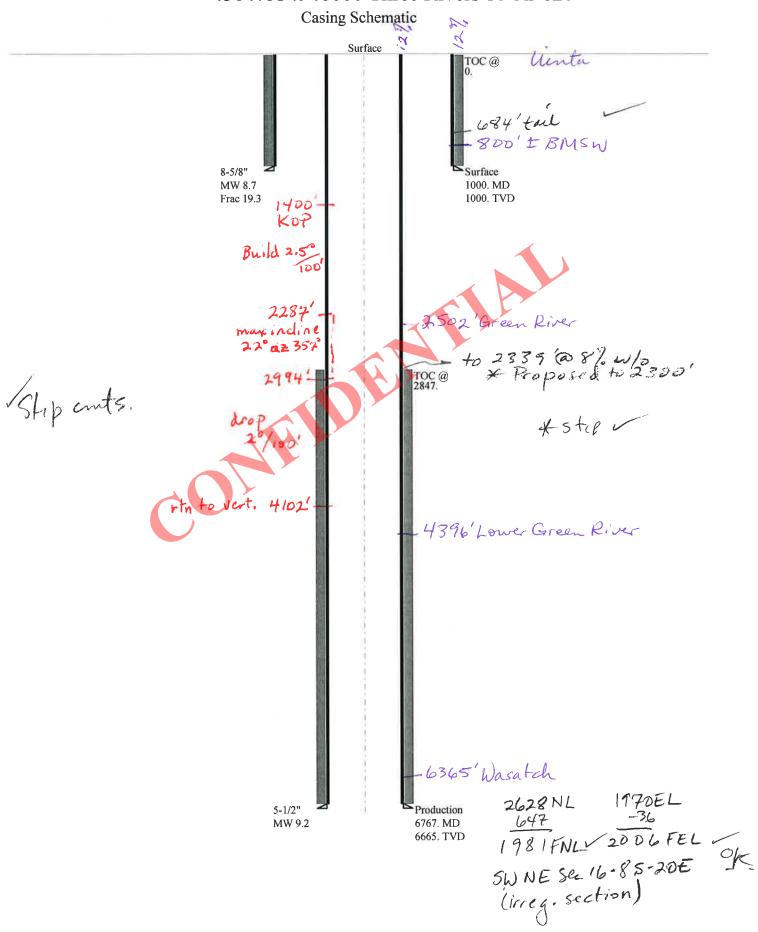




#### BOPE REVIEW AXIA ENERGY LLC Three Rivers 16-32-820 43047534940000

Well Name		AXIA ENERGY I	LC Three River	rs 1	6-32-820 43047	7534	1940000		
String		Surf	Prod	i		Ī		]	
Casing Size(")		8.625	5.500	ī		Ī		<u> </u>	
Setting Depth (TVD)		1000	6665	ī		Ī		<u> </u>	
Previous Shoe Setting Dept	h (TVD)	0	1000	ī		Ī		<u> </u>	
Max Mud Weight (ppg)		8.7	9.2	T		T			
BOPE Proposed (psi)		1000	3000	Ħ	<u>,                                     </u>	Ť		Ħ	
Casing Internal Yield (psi)		3930	5320	i		Ť			
Operators Max Anticipated	Pressure (psi)	2886	8.3	+		ľ		Ħ	
		1	Į	_					
Calculations		Surf Stri				L	8.625	"	
Max BHP (psi)		.0	052*Setting	D	epth*MW=	4	52		
MACD (C) (!)		M DII	D (0.12*C-		n a Danath)	Ļ			equate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)			P-(0.12*Set			3	32	YES	diverter with rotating head
MASP (Gas/Mud) (psi)		Max BH	P-(0.22*Set	ttii	ng Depth)=	2	32	YES	OK
n 44 n · GI	M DMD 22*/C	and The of	D : (	21	D (1)	Ļ		*Can Full	Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe		etting Depth	- Previous S	Sho	oe Depth)=	2:	32	NO	OK
Required Casing/BOPE Te						1	000	psi	
*Max Pressure Allowed @	Previous Casing	Shoe=				0		psi *A:	ssumes 1psi/ft frac gradient
Calculations		Prod Str	ing	_			5,500	"	
Max BHP (psi)			)52*Setting	D	epth*MW=	12	189		
<b>4</b> /			-	٩		13	163	BOPE Ad	equate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)		Max BH	P-(0.12*Set	ttir	ng Depth)=	2	389	YES	Dbl Ram, Ann. w/Diverter, Rotating Head
MASP (Gas/Mud) (psi)			P-(0.22*Set			-	723	YES	OK
						ļ.	723	1-	Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(S	Setting Depth - Previous Shoe Depth)=				1:	943	NO	I OK
Required Casing/BOPE Te	st Pressure=						000	psi	
*Max Pressure Allowed @	Previous Casing	Shoe=					000	psi *A	ssumes 1psi/ft frac gradient
						1	000		
Calculations		String						"	
Max BHP (psi)		.0	052*Setting	D	epth*MW=				
						L		BOPE Ad	equate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)		Max BH	P-(0.12*Set	ttiı	ng Depth)=			NO	
MASP (Gas/Mud) (psi)		Max BH	P-(0.22*Set	ttiı	ng Depth)=			NO	
						L		*Can Full	Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe		etting Depth	- Previous S	Sho	oe Depth)=			NO	
Required Casing/BOPE Te	st Pressure=							psi	
*Max Pressure Allowed @	Previous Casing	Shoe=						psi *A	ssumes 1psi/ft frac gradient
Calculations		String						**	
Max BHP (psi)			052*Setting	D	enth*MW=	F			
(Por)			Setting		epin mm=	1_		BOPE Ad	equate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)		Max BH	P-(0.12*Set	ttiı	ng Depth)=	F	i		i a seeing casing at Deptil.
MASP (Gas/Mud) (psi)			P-(0.22*Set		-	1-		NO	1
(Gastiiuu) (psi)		мах ВП	1 1	пь Берші	<u> </u>		*Can Full	Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP22*(S	etting Denth	- Previous S	She	oe Denth)=	F	i		Lapeter Tressure De Held At Hevious Side:
Required Casing/BOPE Tes		0 - vp.m	,		- F 3) -	1-		psi	
		Shoo-		_		H		-	soumas Insi/ft frag gradient
*Max Pressure Allowed @	r revious Casing	snoe=				Щ_		psi *A:	ssumes 1psi/ft frac gradient

## 43047534940000 Three Rivers 16-32-820



Well name:

43047534940000 Three Rivers 16-32-820

Operator:

**AXIA ENERGY LLC** 

String type:

Design is based on evacuated pipe.

Project ID:

Surface

43-047-53494

Location:

**Collapse** 

**UINTAH COUNTY** 

Minimum design factors: **Environment:** 

Collapse:

Design factor 1.125 H2S considered?

Surface temperature:

No 74 °F

Bottom hole temperature: Temperature gradient:

88 °F 1.40 °F/100ft

Minimum section length:

100 ft

Burst:

Design factor

1.00

Cement top:

Surface

**Burst** 

Max anticipated surface

No backup mud specified.

pressure: Internal gradient: Calculated BHP

Design parameters:

Mud weight:

880 psi

8.700 ppg

0.120 psi/ft

1,000 psi

Premium:

8 Round STC: 8 Round LTC: Buttress:

Tension:

Body yield:

1.50 (B)

1.50 (J)

1.80 (J) 1.70 (J)

1.60 (J)

Tension is based on buoyed weight. Neutral point: 871 ft

Non-directional string.

Re subsequent strings:

Next setting depth:

6,665 ft Next mud weight: 9.200 ppg 3,186 psi

Next setting BHP: Fracture mud wt: Fracture depth:

19.250 ppg

Injection pressure:

1,000 ft 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	8.625	32.00	J-55	LT&C	1000	1000	7.875	8058
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	452	2530	5.599	1000	3930	3.93	27.9	417	14.97 J

Prepared by: Helen Sadik-Macdonald Div of Oil, Gas & Mining

Phone: 801 538-5357 FAX: 801-359-3940

Date: February 25,2013 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.7 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

43047534940000 Three Rivers 16-32-820

Operator:

**AXIA ENERGY LLC** 

String type:

Production

Project ID:

43-047-53494

Location:

**UINTAH COUNTY** 

Minimum design factors: **Environment:** 

1.125

Collapse

Mud weight: Design is based on evacuated pipe.

Design parameters:

Collapse: 9.200 ppg Design factor H2S considered?

Surface temperature:

No 74 °F

Bottom hole temperature: Temperature gradient:

167 °F 1.40 °F/100ft

Minimum section length: 1,000 ft

Burst:

Design factor

1.00

Cement top:

2,847 ft

**Burst** 

Max anticipated surface pressure:

Internal gradient: Calculated BHP

No backup mud specified.

1,719 psi 0.220 psi/ft

3,186 psi

Tension: 8 Round STC:

8 Round LTC:

Premium:

Body yield:

Buttress:

1.60 (J) 1.50 (J) 1.60 (B)

1.80 (J)

1.80 (J)

Directional Info - Build & Hold

Kick-off point 1400 ft Departure at shoe: 648 ft Maximum dogleg:

Inclination at shoe:

2.5 °/100ft 0 °

Tension is based on air weight. Neutral point: 5,837 ft

Run	Segment		Nominal		End	True Vert	Measured	Drift	Est.
Seq	Length	Size	Weight	Grade	Finish	Depth	Depth	Diameter	Cost
	(ft)	(in)	(lbs/ft)			(ft)	(ft)	(in)	(\$)
1	6767	5.5	17.00	J-55	LT&C	6665	6767	4.767	26217
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(kips)	(kips)	Factor
1	3186	4910	1.541	3186	5320	1.67	113.3	247	2.18 J

Prepared by: Helen Sadik-Macdonald

Div of Oil, Gas & Mining

Phone: 801 538-5357 FAX: 801-359-3940

Date: February 25,2013 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6665 ft, a mud weight of 9.2 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

# **ON-SITE PREDRILL EVALUATION**

## Utah Division of Oil, Gas and Mining

**Operator** AXIA ENERGY LLC

Well Name Three Rivers 16-32-820

API Number 43047534940000 APD No 7430 Field/Unit UNDESIGNATED

Location: 1/4,1/4 SWNE Sec 16 Tw 8.0S Rng 20.0E 2628 FNL 1970 FEL

GPS Coord (UTM) 613258 4442216 Surface Owner

#### **Participants**

Jim Burns (permit contractor), Ben Williams (DWR), Jeff Connelly (SITLA), Cody Rich (surveyor), John Busch (Axia), Richard Powell (UDOGM)

#### Regional/Local Setting & Topography

This well is located just to the west of highway 88 approximately 2 miles north of Ouray, Utah and approximately 4.5 miles south of Pelican Lake. This location is quite flat, no drainages are affected.

**Src Const Material** 

#### Surface Use Plan

**Current Surface Use** 

Grazing

New Road Miles Well Pad

0.09 Width 260 Length 366 Onsite

Y

Ancillary Facilities N

Waste Management Plan Adequate?

#### Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Russian thistle, sparse grasses

Pronghorn

Soil Type and Characteristics

Sandy clay loam

**Erosion Issues** N

**Sedimentation Issues** N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

RECEIVED: March 12, 2013

**Surface Formation** 

**UNTA** 

**Erosion Sedimentation Control Required?** N

Paleo Survey Run? Y Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources? N

#### Reserve Pit

#### **Site-Specific Factors**

Site Ranking

Distance to Groundwater (feet)
Distance to Surface Water (feet)
Dist. Nearest Municipal Well (ft)
Distance to Other Wells (feet)
Native Soil Type
Fluid Type
Drill Cuttings
Annual Precipitation (inches)
Affected Populations
Presence Nearby Utility Conduits

**Final Score** 

Sensitivity Level

#### Characteristics / Requirements

The reserve pit as proposed is 195ft x 100ft x 10ft deep and is to be placed in a cut stable location. According to Axia representative John Busch a 20 mil liner and felt sub liner will be used for this reserve pit. A 20 mil liner appears adequate for this site.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 20 Pit Underlayment Required? Y

#### Other Observations / Comments

Richard Powell

Evaluator

1/16/2013

Date / Time

# **Application for Permit to Drill Statement of Basis**

### Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	<b>CBM</b>
7430	43047534940000	SITLA	OW	S	No
Operator	AXIA ENERGY LLC		Surface Owner-APD		
Well Name	Three Rivers 16-32-820		Unit		
Field	UNDESIGNATED		Type of Work	DRILL	
Location	SWNE 16 8S 20E S	2628 FNL	L 1970 FEL GPS Coord	l	
	(UTM) 613261E 44422	14N			

#### **Geologic Statement of Basis**

Axia proposes to set 1,000 feet of surface pipe, cemented to surface. The depth to the base of the moderately saline water at this location is estimated to be at approximately 800 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 16. The surface formation at this site is the Uinta Formation and alluvium derived from the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
1/30/2013
APD Evaluator
Date / Time

#### Surface Statement of Basis

This proposed well site is on state surface with state mineral ownership. SITLA representative Jeff Connelly attended this onsite and expressed no concerns with drilling at this site. Ben Williams of UDWR was also in attendance and stated that this area is crucial year around Pronghorn habitat but he stated that he would make no recommendations for this site. John Busch who represented Axia at his onsite stated that a 20 mil liner and felt sub liner would be used for the reserve pit and that a 20 mil liner is standard equipment for Axia on all reserve pits. This site is flat and appears stable. No drainages appear to be affected and it appears to be a good site for placement of these wells.

This is proposed as a 2 well pad to be shared with the Three Rivers 16-33-820. The 33 is listed as being in NWSE, while the 32 is in the SWNE.

Richard Powell 1/16/2013
Onsite Evaluator Date / Time

#### Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

RECEIVED: March 12, 2013

#### **WORKSHEET** APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED: 1/3/2013** 

WELL NAME: Three Rivers 16-32-820 **OPERATOR: AXIA ENERGY LLC (N3765)** 

**CONTACT:** Don Hamilton

PROPOSED LOCATION: SWNE 16 080S 200E

**SURFACE: 2628 FNL 1970 FEL** 

**BOTTOM:** 1980 FNL 1980 FEL

**COUNTY: UINTAH LATITUDE: 40.12262** 

**UTM SURF EASTINGS: 613261.00** 

FIELD NAME: UNDESIGNATED

LEASE TYPE: 3 - State

LEASE NUMBER: ML-49319

SURFACE OWNER: 3 - State

API NO. ASSIGNED: 43047534940000

PHONE NUMBER: 435 719-2018

Permit Tech Review:

**Engineering Review:** 

Geology Review:

LONGITUDE: -109.67077 NORTHINGS: 4442214.00

PROPOSED PRODUCING FORMATION(S): WASATCH

**COALBED METHANE: NO** 

#### **RECEIVED AND/OR REVIEWED:**

✓ PLAT

Bond: STATE/FEE - LPM9046682

**Potash** 

Oil Shale 190-5

Oil Shale 190-3

Oil Shale 190-13

Water Permit: 49-2262 - RNI at Green River

**RDCC Review:** 

Fee Surface Agreement

Intent to Commingle

**Commingling Approved** 

**LOCATION AND SITING:** 

R649-2-3.

Unit:

R649-3-2. General

R649-3-3. Exception

**Drilling Unit** 

Board Cause No: R649-3-11

**Effective Date:** 

Siting:

R649-3-11. Directional Drill

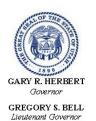
Comments: Presite Completed

Stipulations: 1 - Exception Location - bhill

5 - Statement of Basis - bhill

12 - Cement Volume (3) - hmacdonald

15 - Directional - dmason 23 - Spacing - dmason 25 - Surface Casing - hmacdonald



## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

#### Permit To Drill

\*\*\*\*\*\*

Well Name: Three Rivers 16-32-820

**API Well Number:** 43047534940000

Lease Number: ML-49319 Surface Owner: STATE Approval Date: 3/12/2013

#### Issued to:

AXIA ENERGY LLC, 1430 Larimer Ste 400, Denver, CO 80202

#### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### **Exception Location:**

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an

area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2300' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

#### Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan contact Dustin Doucet
- Significant plug back of the well contact Dustin Doucet
- Plug and abandonment of the well contact Dustin Doucet

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well contact Carol Daniels OR
- submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to cementing or testing casing contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well contact Dan Jarvis

#### **Contact Information:**

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 office
- Dustin Doucet 801-538-5281 office

801-733-0983 - after office hours

- Dan Jarvis 801-538-5338 office
  - 801-231-8956 after office hours

#### Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
  - Requests to Change Plans (Form 9) due prior to implementation
  - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
  - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas Sundry Number: 42952 API Well Number: 43047534940000

			1				
	FORM 9						
	5.LEASE DESIGNATION AND SERIAL NUMBER: ML-49319						
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME:						
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Three Rivers 16-32-820						
2. NAME OF OPERATOR: AXIA ENERGY LLC	9. API NUMBER: 43047534940000						
3. ADDRESS OF OPERATOR: 1430 Larimer Ste 400, Der	9. FIELD and POOL or WILDCAT: UNDESIGNATED						
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2628 FNL 1970 FEL	COUNTY: UINTAH						
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWNE Section: 1	STATE: UTAH						
11. CHEC	K APPROPRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPOF	RT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE [	ALTER CASING	CASING REPAIR				
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion:	DEEDEN [	FRACTURE TREAT	NEW CONSTRUCTION				
Date of Work Completion.							
	☐ ☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK				
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION				
9/21/2013	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	L TEMPORARY ABANDON				
DRILLING REPORT	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
	WILDCAT WELL DETERMINATION	OTHER	OTHER:				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  MIRU PETE MARTIN DRILLING. SPUD 09-21-13. DRILLED TO 120' AND SET 16" CONDUCTOR CASING. CEMENTED TO SURFACE. STATUS: WAIT ON DRILLING RIG.  ON DRILLING RIG.  NAME (PLEASE PRINT)  PHONE NUMBER TITLE							
NAME (PLEASE PRINT) Cindy Turner	<b>PHONE NUMBE</b> 720 746-5209	R TITLE Project Manager					
SIGNATURE N/A		<b>DATE</b> 9/26/2013					



# SWNE S-16 TO85 R 20 F 43047 53494

#### correction to Three Rivers 16-32-820

Cordell Wold < cwold@axiaenergy.com>

Wed, Sep 25, 2013 at 6:50 PM

To: Cordell Wold <cwold@axiaenergy.com>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, Dan Jarvis

<danjarvis@utah.gov>, "richardpowell@utah.gov" <richardpowell@utah.gov>

Cc: Cindy Turner <cturner@axiaenergy.com>, Jess Peonio <jpeonio@axiaenergy.com>, Bryce Holder

<bholder@axiaenergy.com>, klbascom <klbascom@ubtanet.com>, Ray Meeks <ray.meeks\_bmg@hotmail.com>

Sorry, wrong date.

DRY HOLE SPUD DATE: 9/21/2013 (CHO)

From: Cordell Wold

Sent: Wednesday, September 25, 2013 6:47 PM

To: Cordell Wold; caroldaniels@utah.gov; Dan Jarvis; richardpowell@utah.gov

Cc: Cindy Turner; Jess Peonio; Bryce Holder; klbascom; Ray Meeks

Subject: Resume of operations

ProPetro is moving onto the Three Rivers #16-32-820 on 09/26/2013 to drill and be setting surface casing on 09/26/2013. API #43-047-5349400

Any Questions;

Cordell Wold

Axia Energy

701-570-5540

RECEIVED

SEP 2 6 2013

DIV. OF OIL, GAS & MINING





SWNE 5-16 TOBS RZOE 4304753494

**FW: Spud Notice** 

Cordell Wold < cwold@axiaenergy.com>

To: "caroldaniels@utah.gov" <caroldaniels@utah.gov>

Fri, Sep 27, 2013 at 9:27 AM

From: Cordell Wold

Sent: Friday, September 20, 2013 7:38 AM

To: Cordell Wold; caroldaniels@utah.gov; Dan Jarvis; richardpowell@utah.gov

Cc: Cindy Turner; Jess Peonio; Bryce Holder; klbascom; Ray Meeks

Subject: Spud Notice

Pete Martin is moving onto the Three Rivers #16-32-820 on 09/21/2013 to drill and be setting conductor on 09/21/2013. API #43-047-5349400

Any Questions;

Cordell Wold

Axia Energy

701-570-5540

RECEIVED SEP 2 6 2013

DIV. OF OIL, GAS & MINING

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-49319
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizo n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: Three Rivers 16-32-820
2. NAME OF OPERATOR: AXIA ENERGY LLC			9. API NUMBER: 43047534940000
3. ADDRESS OF OPERATOR: 1430 Larimer Ste 400, Der	nver, CO, 80202 720	PHONE NUMBER: 746-5200 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2628 FNL 1970 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 16 Township: 08.0S Range: 20.0E Merio	dian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
11/4/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
40 DECODINE PROPOSED OR		all postinger details including dates	<u> </u>
Axia Energy respo	COMPLETED OPERATIONS. Clearly show ectfully requests the followin ROM: 8-5/8" 32# J-55 LTC T	ig change to the APD:	Approved by the Utah Division of Oil, Gas and Mining
			Date: November 07, 2013
			By: Dor K Ount
NAME (PLEASE PRINT) Cindy Turner	PHONE NUMB 720 746-5209	BER TITLE Project Manager	
SIGNATURE	720 740-0209	DATE	
N/A		11/4/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESURCES DIVISION OF OIL, GAS, AND MINING  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below control to them hold depth, recenter bugged wells, or to drill hold/contail laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL Oil Well  Three Rivers 16:32-220  1. AMADERS OF OPERATOR: AND RESPONSE OF PRIVATE HOLD TO SHALL form for such proposals.  1. AMADERS OF OPERATOR: AND RESPONSE OF OPERATOR OF OPERATOR OF OPERATOR OPERATOR OF OPERATOR OP				
SUNDRY NOTICES AND REPORTS ON WELLS  DO NOT use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, senter plaged wells, or to drill horizontal laterals. Use APPLICATION POR PERMIT TO PRILL form for outh proposals.  1. TYPE OF WELL  1. TYPE OF WELL  1. ADDRESS OF OPERATOR:  AND ENERGY ILL  2. NAME OF OPERATOR:  AND ENERGY ILL  3. PRINCEMENT (1-0.22 < 2.02)  1. ADDRESS OF OPERATOR:  AND ENERGY ILL  3. PRINCE (1-0.22 < 2.02)  3. PRINCE (1-0.22 < 3.02)  4. MORESS OF OPERATOR:  4. WELL NAME and NUMBER:  1. TYPE OF MELL  1. ADDRESS OF OPERATOR:  4. WELL NAME and NUMBER:  4. WELL		STATE OF UTAH		FORM 9
Do not use this form for proposals to drill new wells, significantly despen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION PRO FERMIT DO DRILL form for such proposals.  1. TYPE OF WELL  1. TYPE OF SUBMISSION  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  1. CHECK APPROPR			G	I .
CUTRENT DOTRICE AGREEMENT NAME:  FOR PERMIT TO DRILL form for such proposals.  1.17YE OF WELL  ONLY OF WELL  ONLY OF WELL  ANDERS OF OPERATOR:  3.ADDRESS OF OPERATOR:  3.ADDRESS OF OPERATOR:  4.30 Latimer Size 400 Denver, CO, 80202  7.20 748-5200 Ext  COLOTION OF WELL  FOOTIGES AT SURFACE:  ONLY ONLY ONLY ONLY ONLY ONLY ONLY ONLY	SUNDR	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING  SUNDRY NOTICES AND REPORTS ON WELLS his form for proposals to drill new wells, significantly deepen existing wells below min-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION TO DRILL form for such proposals.  ELL  PERATOR: YLLC  FOPERATOR: YLLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Three Rivers 16-32-820  2. NAME OF OPERATOR: ANAMA ENERGY LC  3. ADDRESS OF OPERATOR: 4. JOACHTON OF WELL FOOTAGES AT SURFACE: 2028 FNL 1970 FEL OUTCOTAGE AT SURFACE: 2028 FNL 1970 FEL OUTCOT. SWINE Section: 16 Township: 0.50 S Range: 20.0E Meridian: S  11.  CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  ALTER CABING  CAMBOE DEPART  ONNE WELL MAKE WELL  SUBMISSION  TYPE OF ACTION  CAMBOE DEPART  ONNE WELL MAKE WELL  SUBMISSION  TYPE OF ACTION  CAMBOE DEPART  ONNE WELL MAKE  STATE  UTAH  TYPE OF ACTION  CAMBOE DEPART  ONNE WELL MAKE  STATE  UTAH  TYPE OF SUBMISSION  TYPE OF ACTION  CABOR BPAR  CABOR BPAR  CABOR BPAR  STATE  UTAH  TYPE OF SUBMISSION  TYPE OF ACTION  CABOR BPAR  CABOR BPAR  CABOR WELL MAKE  STATE  UTAH  THE WELL MAKE  STATE  UTAH  TYPE OF ACTION  COUNTT!  STATE  COUNTT!  TYPE OF ACTION  COUNTT!  STATE  UTAH  THE WELL MAKE  STATE  UTAH  THE WELL MAKE  STATE  COUNTT!  TYPE OF ACTION  COUNTT!  TYPE OF ACTION  THE WELL MAKE  TYPE OF ACTION  CABOR BPAR  CABOR BPAR  CABOR BPAR  CABOR WELL MAKE  STATE  COUNTT!  TYPE OF ACTION  THE WELL MAKE  TYPE OF ACT	current bottom-hole depth,	reenter plugged wells, or to drill horizonta		7.UNIT or CA AGREEMENT NAME:
AND REPROY LC  3. ADDRESS OF OPERATOR: PHONE NUMBER: U.S. FIELD and POOL or WILDCAT: UNDESIGNATED  4. LOCATION OF WELL PROTOCAGES at SURFACE: 2022 FILL 1970 FEEL UINTAH  TOTAL STATE UINTAH  CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  ACROSS  GAMBE TRANSITION FROM STATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  ACROSS  GAMBE TRANSITION GAMBE THAN GOUNGE TURNS  GAMBE TRANSITION GAMBE THAN GOUNGE TURNS  GAMBE TRANSITION GAMBE THAN GOUNGE TO SERVE THAN GOUNGE TURNS  GAMBE THAN GOUNGE TO SERVE THAN GOUNGE THAN GOUNGE THAN GOUNGE TO SERVE THAN GOUNGE	= 0 ====			I .
1430 Larimer Sie 400, Denver, CO, 80202 720 746-5200 Ext UNDESIGNATED  LOCATION OF WELL  FOOTAGES AT SURFACE: 2628 FNL 1970 FEL CITIOUT, SECTION, TOWNSHIP, RANGE, MERIDIAN: CUIT/QIT, SECTION, TOWNSHIP, RANGE, MERIDIAN: CUIT/QIT, SWINE Section: 16 Township: 08.03 Range: 20.0E Meridian: S  TYPE OF SUBMISSION  TYPE OF ACTION    ACCURE				I .
TODATAGES AT SUPEACE: 2628 FNL 1970 FEL  TOTAGES AT SUPEACE: 2628 FNL 1970 FEL  TOTAGES AT SUPEACE: COUNTY: UTAH  STATE: UTAH  STATE: UTAH  STATE: UTAH  TYPE OF ACTION  TABLE  TATALE  UTAH  STATE: UTAH  STA				
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  TO ALMOSE TRAIN  CAMMOR EPAR  COMMOND FROM TORS  TYPE OF ACTION  TO CAMOR EPAR  COMMOND FROM TORS  TYPE OF ACTION  TO CAMOR EPAR  COMMOND FROM TORS  TYPE OF ACTION  TO CAMOR EPAR  COMMOND FROM TORS  TYPE OF ACTION  TO CAMOR EPAR  COMMOND FROM TORS  TYPE OF ACTION  TO CAMOR EPAR  COMMOND FROM TORS  TYPE OF ACTION  TO CAMOR EPAR  COMMOND FROM TORS  TYPE OF ACTION  TO CAMOR TRAIN  THE CAMOR TRAIN  TO CAMOR TRAIN  THE PROTOCOLOR FROM TORS  TO CAMOR TRAIN  THE CAMOR TRAIN  THE CAMOR TRAIN  TO CAMOR TRAIN  THE CAMOR TRAIN  TO CAMOR TRAIN  THE CAMOR TRAIN	4. LOCATION OF WELL FOOTAGES AT SURFACE: 2628 FNL 1970 FEL			1
TYPE OF SUBMISSION    ACIDIZE			: S	I .
ACIDIZE		K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
NOTICE OF INTERT   Appreciating date work will start:   GUANGE WELL STATUS   COMMINGLE PRODUCTING FORMATIONS   CONVERT WELL TYPE     GUESCOURT REPORT   Date of Work Completion:   DEEPEN   FRACTURE TREAT   NEW CONSTRUCTION     DEEPEN   FRACTURE TREAT   NEW CONSTRUCTION     DEEPEN   PLUG AND ABANDON   PLUG BACK     SPUD REPORT   Division Spud:   RECOMPLETE DIFFERNT FORMATION     DEELLING REPORT   New of Spud:   New CONSTRUCTION     DEELLING REPORT   New Of Spud:   New CONSTRUCTION     DEELLING REPORT   New CONSTRUCTION   SIDETRACK TO REPAIR WELL   TEMPORARY ABANDON     TUBING REPAIR   VENT OR FLARE   WATER SHUTOF     SITA STATUS EXTENSION   OTHER     DIVISION SPUD: NEW CONSTRUCTION   NEW CONSTRUCTION     New CONSTRUCTION   NEW CONSTRUCTION     RECOMPLETE DIFFERNT FORMATION   SIDETRACK TO REPAIR WELL     TEMPORARY ABANDON   WATER DISPOSAL   APD EXTENSION     DIVISION SPUD: NEW TABLE   NEW CONSTRUCTION     WATER SHUTOF   SITA STATUS EXTENSION   OTHER     WATER SHUTOF   SITA STATUS EXTENSION   OTHER     OTHER   WATER SHUTOF     SITA STATUS EXTENSION   OTHER     OTHER   WATER SHUTOF     OTHER   WATER SHUTOF     OTHER   WATER SHUTOF     WATER SHUTOF   SITA STATUS EXTENSION     OTHER   WATER SHUTOF     OTHER   WATER SHUTOF     OTHER   WATER SHUTOF     OTHER   WATER SHUTON     OTHE	TYPE OF SUBMISSION		TYPE OF ACTION	
Appreciated date work will start:    Glasscoulorin REPORT   General Report		ACIDIZE	ALTER CASING	CASING REPAIR
GHAMGE WELL STATUS   COMMINGLE PRODUCING FORMATIONS   CONVERT WELL TYPE   DEEPEN   FRACTURE TREAT   NEW CONSTRUCTION   NEW CONSTRUCTION   PLUG AND ABANDON   PLUG BACK   PRODUCTION START OR RESUME   RECLAMATION OF WELL SITE   RECOMPLETE DIFFERNT FORMATION   SIDETRACK TO REPAIR WELL   TEMPORARY ABANDON   WATER DISPOSAL   WATER		CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Date of Work Completion:    GEEPEN		CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SPUD REPORT Date of Spud:    PRODUCTION START OR RESUME   RECLAMATION OF WELL SITE   RECOMPLETE DIFFERENT FORMATION   SIDETRACK TO REPAIR WELL   TEMPORARY ABANDON		DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
REPERFORATE CURRENT FORMATION   SIDETRACK TO REPAIR WELL   TEMPORARY ABANDON   TUBING REPAIR   WATER DISPOSAL   APPOSANT   WATER DISPOSAL		OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
REPERFORATE CURRENT FORMATION   SIDETRACK TO REPAIR WELL   TEMPORARY ABANDON   TUBING REPAIR   WATER DISPOSAL   APPOSANT   WATER DISPOSAL	SDIID BEDORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
TUBING REPORT   VENT OR FLARE   VENT OR FLA				
DRILLING REPORT:				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  MIRU Pete Martin. Spud 09/21/13. Drilled to 120' and set 16" conductor casing. Cemented to surface. Release rig. MIRU Pro-Petro 09/27/13.  Drilled to 1045'. Set 8-5/8" 24# surface casing to 1015'. Cement to surface. Release Pro-Petro Rig. MIRU Capstar Drilling Rig 321 11/13/13 and resumed drilling operations. Drilled to 6767' TMD/6665' TVD.  Reached TD 11/16/13. Ran 5-1/2" production casing and set at 6743' and cemented with 400 sxs Premium Lite. Rig Released 11/17/13.  STATUS AS OF 11-19-13: Wait on Completion  NAME (PLEASE PRINT) Cindy Turner  T20 746-5209  PHONE NUMBER TITLE Project Manager  SIGNATURE  OTHER:  OTHER:  OTHER:  DATE				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  MIRU Pete Martin. Spud 09/21/13. Drilled to 120' and set 16" conductor casing. Cemented to surface. Release rig. MIRU Pro-Petro 09/27/13. Drilled to 1045'. Set 8-5/8" 24# surface casing to 1015'. Cement to surface. Release Pro-Petro Rig. MIRU Capstar Drilling Rig 321 11/13/13 and resumed drilling operations. Drilled to 6767' TMD/6665' TVD.  Reached TD 11/16/13. Ran 5-1/2" production casing and set at 6743' and cemented with 400 sxs Premium Lite. Rig Released 11/17/13.  STATUS AS OF 11-19-13: Wait on Completion  NAME (PLEASE PRINT) Cindy Turner  PHONE NUMBER 720 746-5209  PHONE NUMBER 720 746-5209  TITLE Project Manager  SIGNATURE				
MIRU Pete Martin. Spud 09/21/13. Drilled to 120' and set 16" conductor casing. Cemented to surface. Release rig. MIRU Pro-Petro 09/27/13. Drilled to 1045'. Set 8-5/8" 24# surface casing to 1015'. Cement to surface. Release Pro-Petro Rig. MIRU Capstar Drilling Rig 321 11/13/13 and resumed drilling operations. Drilled to 6767' TMD/6665' TVD. Reached TD 11/16/13. Ran 5-1/2" production casing and set at 6743' and cemented with 400 sxs Premium Lite. Rig Released 11/17/13. STATUS AS OF 11-19-13: Wait on Completion  NAME (PLEASE PRINT) Cindy Turner PHONE NUMBER TITLE Project Manager  SIGNATURE  DATE				ļ
Cindy Turner 720 746-5209 Project Manager  SIGNATURE DATE	MIRU Pete Martin. S casing. Cemented Drilled to 1045'. S surface. Release Pro and resumed dril Reached TD 11/16 and cemented wi	Spud 09/21/13. Drilled to 120' to surface. Release rig. MIRU Set 8-5/8" 24# surface casing to-Petro Rig. MIRU Capstar Drilling operations. Drilled to 676/13. Ran 5-1/2" production catth 400 sxs Premium Lite. Rig F	and set 16" conductor Pro-Petro 09/27/13. to 1015'. Cement to lling Rig 321 11/13/13 7' TMD/6665' TVD. sing and set at 6743' Released 11/17/13.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY
SIGNATURE DATE	, ,			
	SIGNATURE		DATE	



#### SWNE S-16 TOBS RZOE S-16 4304753494

#### Capstar 321, Axia Energy, Three Rivers 16-32-820 Prod casing/Cement

klbascom <klbascom@ubtanet.com>

Sat, Nov 16, 2013 at 12:58 PM

To: Carol Daniels <aroldaniels@utah.gov>, Dan Jarvis <danjarvis@utah.gov>, Richard Powell <richardpowell@utah.gov>

Cc: Cordell Wold <cwold@axiaenergy.com>, jpeonio@axiaenergy.com, cturner@axiaenergy.com, Bryce Holder <br/> <bholder@axiaenergy.com>, Ray Meeks <ray.meeks\_bmg@hotmail.com>

Capstar 321 reached Production TD 6767', 11/16/13 @ 11:30 on Axia Energy's Three Rivers 16-32-820, API# 43-047-53494, plan to run & cement 5.5" production casing Sunday 11/17/13. Any questions contact Kenny Bascom or Ray Meeks @ 435-828-5550.

Thank You Kenny Bascom

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DIV. OF OIL, GAS & MINING





#### SWNE S-16 TOBS RADE 4304953494

#### Capstar 321, Axia Energy, Three Rivers 16-32-820 Prod casing/Cement

kibascom <klbascom@ubtanet.com>

Sat, Nov 16, 2013 at 12:58 PM

To: Carol Daniels <caroldaniels@utah.gov>, Dan Jarvis <danjarvis@utah.gov>, Richard Powell <richardpowell@utah.gov>

Capstar 321 reached Production TD 6767', 11/16/13 @ 11:30 on Axia Energy's Three Rivers 16-32-820, API# 43-047-53494, plan to run & cement 5.5" production casing Sunday 11/17/13. Any questions contact Kenny Bascom or Ray Meeks @ 435-828-5550.

Thank You Kenny Bascom

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#### SWNE 5-16 TOSS RZOE 43-049-53494

#### Axia Energy-Three Rivers 16-32-820

Ray Meeks <ray.meeks\_bmg@hotmail.com>

Mon, Nov 11, 2013 at 4:46 AM

To: "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "richardpowell@utah.gov" <richardpowell@utah.gov>, "denien is @utah.gov>, "denien is @utah.gov>, "denien is @utah.gov>, "richardpowell@utah.gov" <richardpowell@utah.gov>, "denien is @utah.gov>, "denien is @utah.gov>, "richardpowell@utah.gov" <richardpowell@utah.gov>, "richardpowell@utah.gov" <richardpowell@utah.gov>, "richardpowell@utah.gov" <richardpowell@utah.gov>, "richardpowell@utah.gov>, "richardpowell@utah.gov" <richardpowell@utah.gov>, "richardpowell@utah.gov>, "richardpowe

"danjarvis@utah.gov" <danjarvis@utah.gov>

Cc: "cwold@axiaenergy.com" <cwold@axiaenergy.com>

We will be skidding Capstar 321 onto the Three Rivers 16-32-820 and resuming operations on 11/12/13. We will nipple up and test BOP. API # 43-047-53494. Any questions please call me Ray Meeks 435-828-5550

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DIV. OF OIL, GAS & MINING

# STATE OF LITAL

1 Section	CAN'S PERSON	3 9
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-85 N# #1		젝션

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	6. LEASE DESIGNATION AND SERIAL NUMBER: ML49319
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME:
OIL WELL  GAS WELL  OTHER	8. WELL NAME and NUMBER: THREE RIVERS 16-32-820
2 NAME OF OPERATOR: Ultra Resources, Inc. 3 ADDRESS OF OPERATOR:	9. API NUMBER: 4304753494
304 Inverness Way South CITY Englewood STATE CO ZIP 80112 PHONE NUMBER: (303) 645-9810	10. FIELD AND POOL. OR WILDCAT Undesignated
FOOTAGES AT SURFACE: 2628 FNL 1970 FEL Lat. 40.12262 Long. 109.67077	соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN SWNE 16 8S 20E S  11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE BEDGI	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start  CASING REPAIR  CHANGE TO PREVIOUS PLANS  CHANGE TUBING  CHANGE TUBING  PLUG AND ABANDON  CHANGE WELL NAME  CHANGE WELL STATUS  Date of work completion  12/30/2013  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE  CONVERT WELL TYPE  RECOMPLETE - DIFFERENT FORMATION  The above well had first production on 12/30/2013	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER:
RE	ECEIVED
TAL	V 0 9 2014
DIV OF O	DIL, GAS & MINING
NAME (PLEASE PRINT) Kim Dooley TITLE Permitting Assista	nt
SIGNATURE DOLL 1/9/2014	
nis space for State use only)	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

#### Request to Transfer Application or Permit to Drill

اامW	name:	See Attached L	ist	_			
	number:	Occ / Madrica E					
	ation:	Qtr-Qtr:	Section:	Township:	Range:		
	pany that filed original application:	-	Star Point Enterprises				
	original permit was issued:		·				
Com	pany that permit was issued to:	Axia Energy, L	LC		,		
			30000				
heck		Des	ired Action:			-	
one							) 
	Transfer pending (unapproved) App	lication for Pe	ermit to Drill to ne	ew operator			
	The undersigned as owner with legal r	ights to drill on	the property, here	by verifies that the ir	nformation as	_	
	submitted in the pending Application for owner of the application accepts and a	or Permit to Dri	I, remains valid an	nd does not require re	evision. The n	new n	
<b>√</b>	Transfer approved Application for F	Permit to Drill t	o new operator				
	The undersigned as owner with legal r information as submitted in the previous revision.					<b>;</b>	-
	· · · · · · · · · · · · · · · · · · ·		<del></del>				
			uliantian vehicle	hould be verified		Vac	Ma
	owing is a checklist of some items rel		plication, which s	should be verified.		Yes	No
	ated on private land, has the ownership	changed?	plication, which s	should be verified.		Yes	No.
f loc	ated on private land, has the ownership  If so, has the surface agreement been	changed? updated?				Yes	No ✓
f loc	ated on private land, has the ownership	changed? updated?			iting	Yes	No.
f loc Have requ	ated on private land, has the ownership  If so, has the surface agreement been any wells been drilled in the vicinity of	changed? updated? the proposed w	ell which would af	fect the spacing or s		Yes	No ✓
f loc Have equ Have prop	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? e there been any unit or other agreemen	changed? updated? the proposed w ts put in place t	ell which would af	fect the spacing or s e permitting or opera	ation of this	Yes	No.
Have requ Have prop Have	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? e there been any unit or other agreemen osed well? e there been any changes to the access	changed? updated? the proposed w ts put in place t	ell which would af	fect the spacing or s e permitting or opera	ation of this	Yes	No V
f loc	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? e there been any unit or other agreemen beed well? e there been any changes to the access beed location?	changed? updated? the proposed w ts put in place t route including changed?	ell which would af hat could affect th ownership or righ	fect the spacing or s e permitting or opera t-of-way, which could	ation of this	Yes	✓ ✓ ✓
Have requ Have prop Has Have blans	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? The there been any unit or other agreement based well? The there been any changes to the access based location? The approved source of water for drilling there been any physical changes to the	changed? updated? the proposed w ts put in place t route including changed? e surface location	ell which would af that could affect th ownership or right	fect the spacing or s e permitting or opera t-of-way, which could	ation of this	Yes	✓ ✓ ✓
Have requested that Have Have Have Have Have Have Have Have	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? e there been any unit or other agreemen osed well? e there been any changes to the access osed location? the approved source of water for drilling there been any physical changes to the form what was discussed at the onsite	changed? updated? the proposed w ts put in place t route including changed? e surface location evaluation? pposed well? B a pending or apport amended Ap	ell which would af that could affect the ownership or right on or access route ond No.	fect the spacing or see permitting or operated to feel to be a second of the second of	ation of this d affect the change in	ns fer	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
Have requested the state of the	ated on private land, has the ownership  If so, has the surface agreement been e any wells been drilled in the vicinity of rements for this location? The there been any unit or other agreemen beed well? The there been any changes to the access beed location? The approved source of water for drilling there been any physical changes to the form what was discussed at the onsite anding still in place, which covers this pro- desired or necessary changes to either a ld be filed on a Sundry Notice, Form 9, or	changed? updated? the proposed w ts put in place t route including changed? e surface location evaluation? pposed well? B a pending or apport amended Ap	ell which would af that could affect the ownership or right on or access route ond No.	fect the spacing or see permitting or operate-of-way, which could which will require a for Permit to Drill the to Drill, Form 3, as	ation of this d affect the change in hat is being tra	75 fer in 2013	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

#### Division of Oil, Gas and Mining

#### OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)		Operator Name Change/Merger									
The operator of the well(s) listed below has char	nged, et	ffective:		10/1/2013							
FROM: (Old Operator):	-			TO: ( New Operator):							
N3765-Axia Energy, LLC											
1430 Larimer Street, Suite 400				N4045-Ultra Resources, Inc. 304 Inverness Way South, Suite 295							
Denver, CO 80202		Englewood, C		Suite 293							
,	,										
Phone: 1 (720) 746-5200											
CA No.				Unit:	N/A						
WELL NAME	SEC	TWN I	RNG	API NO	ENTITY	LEASE	WELL	WELL			
					NO	TYPE	TYPE	STATUS			
See Attached List											
<ol> <li>1. (R649-8-10) Sundry or legal documentation was</li> <li>2. (R649-8-10) Sundry or legal documentation was</li> <li>3. The new company was checked on the Depart</li> <li>4a. Is the new operator registered in the State of U</li> <li>5a. (R649-9-2) Waste Management Plan has been re</li> </ol>	as recei <b>ment o</b> Jtah:	ived fror of Comm	n the <b>ierce</b>	NEW operato	r on: C <mark>orporations</mark>	12/16/2013 12/16/2013 8 Database or 8861713-014	- n:	1/14/2014			
5b. Inspections of LA PA state/fee well sites comp				N/A	_						
5c. Reports current for Production/Disposition & S				1/14/2014							
6. Federal and Indian Lease Wells: The BL			OIA h			alaa					
or operator change for all wells listed on Feder	al ar In	dian lag	)174 II	as approved th		_	DIA				
7. Federal and Indian Units:	ai Oi III	iuiaii ica	SCS ()	11.	BLM	Not Yet	BIA	_			
	c .		0								
The BLM or BIA has approved the successor	of unit	t operato	or for	wells listed or	1:	N/A	_				
8. Federal and Indian Communization Ag											
The BLM or BIA has approved the operator						N/A	_				
9. Underground Injection Control ("UIC"	') Divi	ision ha	as ap	proved UIC I	Form 5 Tran	sfer of Auth	ority to				
<b>Inject</b> , for the enhanced/secondary recovery un <b>DATA ENTRY:</b>	it/proje	ect for th	ie wa	ter disposal we	ell(s) listed or	n:	N/A	-			
1. Changes entered in the Oil and Gas Database	on:			1/14/2014							
2. Changes have been entered on the Monthly Op	erator	Chang	e Spi	ead Sheet on	<del>-</del>	1/14/2014					
3. Bond information entered in RBDMS on:		_	-	1/14/2014	•		•				
4. Fee/State wells attached to bond in RBDMS on				1/14/2014	_						
5. Injection Projects to new operator in RBDMS of				N/A	_						
6. Receipt of Acceptance of Drilling Procedures for						1/14/2014					
7. Surface Agreement Sundry from NEW operator	on Fee	e Surface	e well	ls received on:	-	Yes					
BOND VERIFICATION:											
1. Federal well(s) covered by Bond Number:			-	22046400	_						
2. Indian well(s) covered by Bond Number:			_	22046400	_						
3a. (R649-3-1) The <b>NEW</b> operator of any state/fee					umber	22046398					
3b. The <b>FORMER</b> operator has requested a release	e of liat	bility fro	m the	eir bond on:	Not Yet						
LEASE INTEREST OWNER NOTIFIC	ATIO	N·									
4. (R649-2-10) The <b>NEW</b> operator of the fee wells			cted o	and informed b	w a letter fro	m the Divisio	n				
of their responsibility to notify all interest owner	s of thi	is change	e On.	and mitorifica (	1/14/2014	ın ule Divisio	11				
COMMENTS:	o or mil	- Jimig	- 011.	<u> </u>	1/17/2014		-				

Well Name	Sec	TWN				Mineral Lease	Well Type	Well Status
THREE RIVERS 2-41-820	2	080S		4304752686		State	OW_	APD
THREE RIVERS 2-25-820	2	080S		4304752690		State	OW	APD
THREE RIVERS 36-21-720	36	070S	200E	4304752698		State	OW	APD
THREE RIVERS 36-13-720	36	070S	200E	4304752699		State	OW	APD
THREE RIVERS FEDERAL 3-54-82		080S	200E	4304752860		Federal	OW	APD
THREE RIVERS FEDERAL 3-33-82	+	080S	200E	4304752864		Federal	OW	APD
THREE RIVERS FED 35-34-720	35	070S	200E	4304753006		Federal	OW	APD
THREE RIVERS FED 35-42-720	35	070S	200E	4304753007	İ	Federal	OW	APD
THREE RIVERS FED 35-44-720	35	070S	200E	4304753008		Federal	OW	APD
Three Rivers 2-32-820	2	080S	200E	4304753274	1	State	OW	APD
Three Rivers 18-21-821	18	080S	210E	4304753276		Fee	OW	APD
Three Rivers 18-31-821	18	080S	210E	4304753277		Fee	OW	APD
Three Rivers 27-34-720	34	070S	200E	4304753278		Fee	OW	APD
Three Rivers 34-31T-720	34	070S	200E	4304753281		Fee	OW	APD
Three Rivers Federal 35-14-720	35	070S	200E	4304753553		Federal	OW	APD
Three Rivers Federal 35-13-720	35	070S	200E	4304753554		Federal	OW	APD
Three Rivers 7-34-821	7	080S	210E	4304753558		Fee	OW	APD
Three Rivers 7-23-821	7	080S	210E	4304753559		Fee	OW	APD
Three Rivers 7-21-821	7	080S		4304753560		Fee	OW	APD
Three Rivers 7-22-821	7	080S		4304753561		Fee	OW	APD
Three Rivers 7-12-821	7	080S		4304753562		Fee	OW	APD
Three Rivers 18-22-821	18	080S	210E	4304753620		Fee	OW	APD
Three Rivers 18-32-821	18	080S		4304753621	İ	Fee	OW	APD
Three Rivers D	16	080S		4304753702		State	WD	APD
Three Rivers Federal 4-41-820	4	080S		4304753911	i	Federal	OW	APD
Three Rivers Federal 4-42-820	4	080S	200E	4304753913		Federal	OW	APD
Three Rivers Federal 3-12-820	4	080S	200E	4304753914			OW	APD
Three Rivers Federal 34-42-720	35	070S		4304753915			OW	APD
Three Rivers Federal 34-43-720	35	070S		4304753916			OW OW	APD
Three Rivers Federal 35-12-720	35	070S		4304753917			OW	APD
Three Rivers Federal 35-43-720	35	070S		4304753918			OW OW	APD
Three Rivers Federal 35-442-720	35	070S		4304753919			OW OW	APD
Three Rivers Federal 35-21-720	35	070S		4304753943	-		ow ow	APD
Three Rivers Federal 35-11-720	35	070S		4304753944			ow ow	APD
Three Rivers 2-24-820	2	080S		4304753945			OW OW	APD
Three Rivers 2-223-820	2	080S		4304753946			ow ow	APD
Three Rivers 2-21-820	2	080S		4304753947			ow ow	APD
	2	080S		4304753948			ow	APD
Three Rivers 32-42-720	32	070S		4304753949			OW	APD
Three Rivers Federal 3-13-820	3	080S		4304753951			OW	APD
Three Rivers Federal 3-14-820	3	080S		4304753952			OW OW	APD
Three Rivers Federal 3-23-820	3	080S		4304753953	+		OW OW	
	3	080S		4304753954			OW OW	APD
	5	080S		4304753956			OW	APD
Three Rivers Federal 5-43-820	5	080S	1	4304753957				APD
Three Rivers Federal 5-42-820	5	080S		4304753957			OW	APD
Three Rivers Federal 5-11-820	5	080S			1		OW	APD
Three Rivers Federal 5-21-820	5	080S		4304754204			OW OW	APD
	8	080S		4304754205			OW	APD
	8	080S	-	4304754211	·		OW	APD
	3			4304754212			OW	APD
	3	0808	- <del></del>	4304754213			OW	APD
	_	080S		4304754214			OW	APD
	32	070S		4304752735			OW	DRL
THREE RIVERS FEDERAL 8-52-820		080S	-	4304752770			OW	DRL
	5	080S		4304752863			OW	DRL
	10	080S		4304752949	-		OW	DRL
	34	070S		4304752950			OW	DRL
	16	080S		4304753229			OW	DRL
Three Rivers 16-22-820	16	080S	200E	4304753230	18961	State	WC	DRL

1 1/14/2014

Three Rivers Federal 34-35-720	34	070S	200E	4304753282	10297	Federal	OW	DRL
Three Rivers Federal 34-25-720	34	070S	200E	4304753282	<del></del>	Federal	OW	DRL
Three Rivers Federal 10-32-820	10	080S	200E	4304753415	<del></del>	Federal	OW	DRL
Three Rivers Federal 10-31-820	10	080S	200E	4304753437		Federal	ow	DRL
Three Rivers 16-34-820	16	080S	200E	4304753472	19278	+	ow	DRL
Three Rivers 16-44-820	16	080S		4304753473	19268	<del>                                     </del>	OW	DRL
Three Rivers 16-11-820	16	080S		4304753474	19262	-	OW	DRL
Three Rivers 16-12-820	16	080S	200E	4304753475	19263		ow	DRL
Three Rivers 16-32-820	16	080S	200E	4304753494	19185		ow	DRL
Three Rivers 16-31-820	16	080S	200E	4304753495	19269	<del></del>	ow	DRL
Three Rivers 16-33-820	16	080S	_	4304753496	19161		OW	DRL
THREE RIVERS FED 10-30-820	10	080S		4304753555		Federal	ow	DRL
Three Rivers Federal 9-41-820	10	080S	_		-	Federal	OW	DRL
Three Rivers Federal 33-13-720	33	070S		4304753723	<del>,</del>	Federal	OW	DRL
Three Rivers Federal 33-12-720	33	070S		4304753724		Federal	OW	DRL
Three Rivers 32-3333-720	32	070S		4304753950	19251		ow	DRL
THREE RIVERS 36-11-720	36	070S		4304751915	18355	<del>                                     </del>	OW	P
THREE RIVERS 2-11-820	2	080S	-	4304751915	18354	· · · · · · · · · · · · · · · · · · ·	OW	P
THREE RIVERS 34-31-720	34	070S		4304751930	18326		OW	P
THREE RIVERS 16-42-820	16	080S	•	4304752012	18682	<del> </del>	OW	P
THREE RIVERS 16-43-820	16	080S		÷	18683		OW	P
THREE RIVERS 16-41-820	16	080S		<del>                                     </del>	18356	-	OW	P
THREE RIVERS 2-51-820	2	080S		·	18941	<del> </del>	OW	p
THREE RIVERS 2-13-820	2	080S		4304752687	19014			P
THREE RIVERS 2-13-820	2	080S			19014	<del> </del>	OW	P
THREE RIVERS 2-15-820	2	080S	-			-	OW	ļ
THREE RIVERS 36-31-720	36	080S		4304752689	18770	<del> </del>	OW	P
THREE RIVERS 32-25-720	32	070S		4304752697	19086		OW	P
THREE RIVERS 36-23-720	36	070S		4304752718	19033	<del></del>	OW	-
THREE RIVERS 32-33-720	32	070S	<del>-</del>	4304752733	18769 19016		OW	P P
THREE RIVERS 32-15-720	32	070S		4304752734	18767		OW OW	P
THREE RIVERS 32-15-720	32	070S	200E		18766			P
THREE RIVERS FEDERAL 8-53-820		080S					OW	P
THREE RIVERS FEDERAL 3-53-820						Federal	OW	P
THREE RIVERS FEDERAL 3-33-820		0808	_			Federal	OW	
		080S				Federal	OW	P
THREE RIVERS FEDERAL 5-56-820 THREE RIVERS FED 4-31-820	† <b>.</b>	080S				Federal	OW	P
	4	080S		4304752874			OW	P
THREE RIVERS 4-21-820 THREE RIVERS FED 34-23-720	4	080S		4304752875		<u> </u>	OW	P
	34	070S				Federal	OW	P
THREE RIVERS FED 10 41 820	34	070S	-			Federal	OW	P
THREE RIVERS FED 10-41-820	10	080S				Federal	OW	P
THREE RIVERS FED 34-15-720	34	070S	<del></del>	4304752965			OW	P
THREE RIVERS FED 35-32-720	35	070S		4304753005			OW	P
Three Rivers 16-23-820	16	080S			19037		OW	P
Three Rivers 16-24-820	16	080S	+		19038		OW	P
Three Rivers 2-33-820	2	080S		4304753273			OW	P
Three Rivers 4-33-820	4	080S		4304753528			OW	P
Three Rivers Federal 33-14-720	33	070S	1	4304753551			OW	P
Three Rivers Federal 4-32-820	4	080S		4304753552			OW	P
Three Rivers Federal 33-24-720	33	070S		4304753557			OW	P
Three Rivers 32-334-720	32	070S	-	4304753710			OW	P
Three Rivers 5-31-820	32	070S	-	4304753711			OW	P
Three Rivers Federal 33-11-720	32	070S		4304753733			OW	P
Three Rivers 32-32-720	32	070S			19087		OW	P
Three Rivers 32-333-720	32	070S	200E	4304753735	19088	Fee	OW	P

2 1/14/2014



#### Ultra Resources, Inc.

December 13, 2013

RECEIVED

DEC 1 6 2013

DIV. OF OIL, GAS & MINING

Division of Oil, Gas, and Mining 1594 West North Temple Salt Lake City, UT 84116 Attn: Rachel Medina

Re:

Transfer of Operator Three Rivers Project Area Uintah County, Utah

Dear Ms. Medina:

Pursuant to Purchase and Sale Agreement dated effective October 1, 2013 Ultra Resources, Inc. ("Ultra") assumed the operations of Axia Energy, LLC ("Axia") in the Three Rivers Area, Uintah County, Utah.

Accordingly, Ultra is submitting the following documents for your review and approval:

- 1) Request to Transfer Application or Permit to Drill for New, APD Approved & Drilled Wells
- 2) Request to Transfer Application or Permit to Drill APD Pending
- 3) Two Completed Sundry Notice and Reports on Wells Form 9 regarding Change of Operator executed by Ultra Resources, Inc. and Axia Energy, LLC
- 4) Statewide Surety Bond in the amount of \$120,000

As to all wells located on Fee Surface there are surface agreements in place. Ultra presently does not anticipate making any change in the drilling plans submitted by Axia.

Ultra has also submitted a Statewide Bond to the Bureau of Land Management. As soon as we receive the acknowledgement and approval by the BLM we will forward same to you for your files. A copy of our transfer letter and bond is attached for your reference.

Should you need any further information at this time, please call me direct at (303) 645-9865 or email <a href="msbalakas@ultrapetroleum.com">msbalakas@ultrapetroleum.com</a>.

**2**incerely,

Mary Sharon Balakas, CPL

Director of Land

cc: Cindy Turner, Axia Energy, LLC

STATE OF UTAH TMENT OF NATURAL RESOURCES

	DEPARTMENT OF NATURAL RESOL		
	DIVISION OF OIL, GAS AND M	IINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
SUNDR	RY NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to dril drill horizonta	II new wells, significantly deepen existing wells below out laterals. Use APPLICATION FOR PERMIT TO DRILL	urrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT or CA AGREEMENT NAME:
TYPE OF WELL  OIL WEL			8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:			See Attached Well List
Ultra Resources, Inc.	<del>14</del> 045		9. API NUMBER:
ADDRESS OF OPERATOR:     304 Inverness Way South     C	ITY Englewood STATE CO	PHONE NUMBER: (303) 645-9810	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL			
FOOTAGES AT SURFACE: See /	Attached		соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN:		STATE: UTAH
11. CHECK APP	PROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	RT OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	AN, ON O MEN BAIN
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
10/1/2013	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of Work Completion.	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR C	COMPLETED OPERATIONS. Clearly show all p	pertinent details including dates, depths, volume	es, etc.
EFFECTIVE DATE: Octo		, , , , , , , , , , , , , , , , , , , ,	
FROM:	., 20.0		
Axia Energy, LLC			
1430 Larimer Street Suite 400			
Denver, CO 80202			received
Bond Number: Blanket St	tatewide UT State/Fee Bond LPN	<b>1</b> 9046682	
TO:			DEC 16 2013
Ultra Resources, Inc. 304 Inverness Way South	1		\$ 215U5U6
Englewood, CO _80112	•		DIV, OF OIL, GAS & MINING
Bond Number: _DOGN	7-0330412398		
Ultra Resources, Inc. will leased lands.	be responsible under the terms a	nd conditions of the leases/wells t	for the operations conducted on the
icased larius.			
NAME (PLEASE PRINT) Mary Sha	ron Balakas	TITLE Attorney in Fact	
SIGNATURE Mary D	harm Brekes	DATE /2/11/1	3
,			ROVED
his space for State use only)		w usas (3 (3	CI RABLE MED

JAN 16 2013

DIV. OIL GAS & MINING BY: Rachel Medina

#### ATTACHMENT TO FORM 9 CHANGE OF OPERATOR

AXIA ENERGY TO ULTRA RESOUR	CES EFFECTIVE 10-01-2013												
	Axia Well Name									State	Actual	Γ	Date
State Well Name	(for database sort	1					Mineral	Surface	Well	Well	Status @		Apprvd
List downloaded 12-10-13	and consistency)	Sec	TWN	RNG	API Number	Entity	Lease	Lease	Туре	Status	12/12/13	Submitted	DOGM
THREE RIVERS 2-11-820	Three Rivers 02-11-820	2	0805	200E	4304751936	18354	State	State	ow	Р	Р		
THREE RIVERS 2-13-820	Three Rivers 02-13-820		0805	200E	4304752687			State	ow	DRL	Р		08/27/1
THREE RIVERS 2-15-820	Three Rivers 02-15-820		0805	200E	4304752689		State	State	ow	Р	Р		
Three Rivers 2-21-820	Three Rivers 02-21-820	_	0805	200E	4304753947		State	State	ow	APD	APRVD		10/15/1
Three Rivers 2-223-820	Three Rivers 02-223-820		0805	200E	4304753946		State	<u>State</u>	ow	APD	APRVD		10/15/1
Three Rivers 2-22-820	Three Rivers 02-22-820	-	0805	200E	4304753948		State	State	ow	APD	APRVD		10/15/1
THREE RIVERS 2-23-820	Three Rivers 02-23-820		0805	200E	4304752688	19015		State	ow	DRL	Р		08/27/1
Three Rivers 2-24-820	Three Rivers 02-24-820	_	0805	200E	4304753945		State	State	ow	APD	APRVD		10/15/1
THREE RIVERS 2-25-820	Three Rivers 02-25-820	_	0805	200E	4304752690		State	State	ow	APD	APRVD		08/27/1
Three Rivers 2-32-820	Three Rivers 02-32-820	_	0805	200E	4304753274		State	State	ow	APD	APRVD		12/11/1
Three Rivers 2-33-820	Three Rivers 02-33-820	_	0805	200E	4304753273	-		State	ow	Р	Р	1 1 2 41	
THREE RIVERS 2-41-820 THREE RIVERS 2-51-820	Three Rivers 02-41-820	1	0805	200E	4304752686		State	State	ow	APD	APRVD		08/27/1
	Three Rivers 02-51-820	$\overline{}$	0805	200E	4304752685	18941		State	ow	P	Р	\ ;	
Three Rivers 4-13-820	Three Rivers 04-13-820		0805	200E	4304753956	10100	Fee	Federal	ow	APD	PERPEND	08/19/13	
THREE RIVERS 4-14-820 Three Rivers 4-33-820	Three Rivers 04-14-820	_	2080	200E	4304752863	_	Fee	Federal	low	DRL	Р		
Three Rivers 5-31-820	Three Rivers 04-33-820	-	0805	200E	4304753528			Fee	ow	DRL	Р		
Three Rivers 7-12-821	Three Rivers 05-31-820	-	0705	200E	4304753711	19068		Fee	ow	DRL	Р		
Three Rivers 7-21-821	Three Rivers 07-12-821	_	0805	210E	4304753562		Fee	Fee	ow	APD	PERPEND	04/15/13	
Three Rivers 7-22-821	Three Rivers 07-21-821 Three Rivers 07-22-821	_	0805	210E	4304753560	-	Fee	Fee	ow	APD	PERPEND	04/15/13	
Three Rivers 7-23-821	Three Rivers 07-23-821	-	080S 080S	210E	4304753561		Fee	Fee	ow	APD	PERPEND	04/15/13	
Three Rivers 7-34-821	Three Rivers 07-23-821	_	0805	210E	4304753559 4304753558	_	Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 16-11-820	Three Rivers 16-11-820	_	0805	210E 200E			Fee	Fee	OW	APD	PERPEND	04/15/13	00/
Three Rivers 16-12-820	Three Rivers 16-12-820		080S	200E	4304753474 4304753475			State	ow	DRL	SCS		03/12/13
Three Rivers 16-21-820	Three Rivers 16-21-820	-		200E	4304753229			State State	<del>  -</del>	DRL DRL	SCS P		03/12/1
Three Rivers 16-22-820	Three Rivers 16-22-820	_		200E	4304753229			State	ow	DRL	P		12/11/12
Three Rivers 16-23-820	Three Rivers 16-23-820			200E	4304753230			State	_	DRL	P		12/11/12
Three Rivers 16-24-820	Three Rivers 16-24-820		-	200E	4304753232			State	<del>-</del>	P	P	14 14 14	12/11/1
Three Rivers 16-31-820	Three Rivers 16-31-820			200E	4304753495		State	State		APD	ccs		02/12/11
Three Rivers 16-32-820	Three Rivers 16-32-820		_	200E	4304753494			State		DRL			03/12/13
Three Rivers 16-33-820	Three Rivers 16-33-820		_	200E	4304753496			State	-	DRL	woc woc		03/12/13
Three Rivers 16-34-820	Three Rivers 16-34-820	_	0805	200E	4304753472		State	State		APD	CCS		03/12/13
THREE RIVERS 16-41-820	Three Rivers 16-41-820	_	-	200E	4304752110			State		P	p p		03/12/13
THREE RIVERS 16-42-820	Three Rivers 16-42-820	_		200E	4304752056	ightharpoonup		State	ow	D	P		
THREE RIVERS 16-43-820	Three Rivers 16-43-820	_	_	200E	4304752057			State	-	P	P P		10 A A A A A A A A A A A A A A A A A A A
Three Rivers 16-44-820	Three Rivers 16-44-820			200E	4304753473		State	State		APD	ccs		03/12/13
Three Rivers 18-21-821	Three Rivers 18-21-821	<del>                                     </del>	_	210E	4304753276			Fee	-	APD	PERPEND	12/17/12	03/12/13
Three Rivers 18-22-821	Three Rivers 18-22-821		-	210E	4304753620		Fee	Fee			PERPEND	04/15/13	4
Three Rivers 18-31-821	Three Rivers 18-31-821			210E	4304753277		Fee	Fee			PERPEND	12/19/12	
Three Rivers 18-32-821	Three Rivers 18-32-821			210E	4304753621			Fee			PERPEND	04/15/13	
Three Rivers 27-34-720	Three Rivers 27-34-720		$\overline{}$	200E	4304753278			Fee			PERPEND	12/19/12	
THREE RIVERS 32-15-720	Three Rivers 32-15-720		$\overline{}$	200E	4304752736			Fee		P P	P	12/13/12	
THREE RIVERS 32-25-720	Three Rivers 32-25-720	-		200E	4304752718			Fee			P		
Three Rivers 32-32-720	Three Rivers 32-32-720			200E	4304753734				-	DRL	P		06/12/13
Three Rivers 32-3333-720	Three Rivers 32-3333-720	_		200E	4304753950	$\rightarrow$		Fee	_		scs	110	10/15/13
Three Rivers 32-333-720	Three Rivers 32-333-720	32 (	705	200E	4304753735				-		P		06/12/13
Three Rivers 32-334-720	Three Rivers 32-334-720	32 (	705	200E	4304753710			Fee			P		05/22/13
THREE RIVERS 32-33-720	Three Rivers 32-33-720	32 (	705	200E	4304752734	19016	Fee	Fee	_	DRL	P		08/29/12
HREE RIVERS 32-34-720	Three Rivers 32-34-720		705		4304752735				_		DRLG		08/29/12
THREE RIVERS 32-35-720	Three Rivers 32-35-720	32 0	705	200E	4304752737	18766	Fee	Fee		P	P	1000	55,05,55
Three Rivers 32-42-720	Three Rivers 32-42-720	32 (	70S	200E	4304753949	1	Fee	Fee	ow .	APD	APRVD	7.5	10/15/13
HREE RIVERS 34-31-720	Three Rivers 34-31-720	34 (	705	200E	4304752012	18326	Fee	Fee	ow	Р	P	Para National	
hree Rivers 34-31T-720	Three Rivers 34-31T-720	34 (	705	200E	4304753281	-	Fee	Fee	ow .	APD .	APRVD	entre de la companie	12/11/12
HREE RIVERS 36-11-720	Three Rivers 36-11-720	36 0	705	200E	4304751915	18355	State	State	ow	Р	P	u 11 yr 1214gy	100
HREE RIVERS 36-13-720	Three Rivers 36-13-720	36 0	70S	200E	4304752699	9	State	State	ow ,	APD ,	APRVD	1 to \$150 of	08/29/12
HREE RIVERS 36-21-720	Three Rivers 36-21-720	360	70S	200E	4304752698	19	State	State	ow /	APD ,	APRVD	1.141.4	08/29/12
HREE RIVERS 36-23-720	Three Rivers 36-23-720	360	705	200E	4304752733	18769	State	State	ow	P	P	3. 2. 2. 3.	1. 19.
HREE RIVERS 36-31-720	Three Rivers 36-31-720	360	705	200E	4304752697	19086	State	State	ow	DRL I	P	475 4.	08/29/12
hree Rivers D	Three Rivers D	160	80S 2	200E	4304753702						APRVD		07/15/13
HREE RIVERS FED 3-11-820	Three Rivers Fed 03-11-820	34 0	70S 2		4304752950	19184					woc	1 11 11 11	02/22/13
hree Rivers Federal 3-12-820	Three Rivers Fed 03-12-820	4 0	80S 2		4304753914						APRVD	11,741	08/01/13
hree Rivers Federal 3-13-820	Three Rivers Fed 03-13-820	3 0			4304753951	$\overline{}$					PERPEND	08/12/13	-3,01,13
hree Rivers Federal 3-14-820	Three Rivers Fed 03-14-820				4304753952	_			$\rightarrow$		PERPEND	08/12/13	
hree Rivers Federal 3-23-820	Three Rivers Fed 03-23-820			_	4304753953						PERPEND	08/12/13	7 1 NA
	Three Rivers Fed 03-24-820				4304753954						PERPEND	08/12/13	
	Three Rivers Fed 03-32-820	$\overline{}$			4304752861					· F	,	08/12/13	
	Three Rivers Fed 03-33-820	$\overline{}$		$\overline{}$	4304752864						APRVD		12/24/12
										- 1			,,
	Three Rivers Fed 03-53-820	3 0	80S 2	200E	4304752820	19104 F	ederal I	Federal	ow [	ORL F	,		12/24/12

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#### ATTACHMENT TO FORM 9 CHANGE OF OPERATOR

AXIA ENERGY TO ULTRA RESOURCE	ES EFFECTIVE 10-01-2013												
	Axia Well Name	7			l i	T			T	State	Actual		Date
State Well Name	(for database sort		•				Mineral	Surface	Well	Well	Status @		Apprvd
List downloaded 12-10-13	and consistency)	Sec	TWN	RNG	API Number	Entity	Lease	Lease	Туре	Status	12/12/13	Submitted	DOGM
THREE RIVERS 4-21-820	Three Rivers Fed 04-21-820	4	0805	200E	4304752875	19048	Federal	Fee	ow	DRL	ρ		02/22/13
THREE RIVERS FED 4-31-820	Three Rivers Fed 04-31-820	4	0805	200E	4304752874	<del></del>	Federal	Fee	low	DRL	Ρ	<del> </del>	02/22/13
Three Rivers Federal 4-32-820	Three Rivers Fed 04-32-820	4	0805	200E	4304753552	19168	Federal	Fee	ow	DRL	P		08/26/13
Three Rivers Federal 4-41-820	Three Rivers Fed 04-41-820	4	080\$	200E	4304753911		Federal	Federal	ow	APD	APRVD		08/01/13
Three Rivers Federal 4-42-820	Three Rivers Fed 04-42-820	4	0805	200E	4304753913		Federal	Federal	ow	APD	APRVD		08/01/13
Three Rivers Federal 5-11-820	Three Rivers Fed 05-11-820	_	0805	200E	4304754204	_	Federal	Federal	ow	NEW	PERPEND	12/03/13	
Three Rivers Federal 5-21-820	Three Rivers Fed 05-21-820	5	0805	200E	4304754205		Federal	Federal	ow	NEW	PERPEND	12/03/13	
Three Rivers Federal 5-42-820	Three Rivers Fed 05-42-820	5	0805	200E	4304753958		Federal	Federal	ow	APD	PERPEND	08/19/13	
Three Rivers Federal 5-43-820	Three Rivers Fed 05-43-820	_	0805	200E	4304753957		Federal	Federal	ow	APD	PERPEND	08/19/13	
THREE RIVERS FEDERAL 5-56-820	Three Rivers Fed 05-56-820	5	080S	200E	4304752862	18993	<del></del>	Federal	ow	P	P	00/13/13/	
THREE RIVERS FEDERAL 8-52-820	Three Rivers Fed 08-52-820	8	080S	200E	4304752770			Federal	ow	DRL	P		02/22/13
THREE RIVERS FEDERAL 8-53-820	Three Rivers Fed 08-53-820	-	0805	200E	4304752771		Federal	Federal	ow	P	P		02/22/13
Three Rivers Federal 9-41-820	Three Rivers Fed 09-41-820	1 -	0805	200E	4304753556		Federal	Federal	ow	DRL	P		08/20/13
THREE RIVERS FED 10-30-820	Three Rivers Fed 10-30-820	_	0805	200E	4304753555			Federal	ow	DRL	P		08/20/13
Three Rivers Federal 10-31-820	Three Rivers Fed 10-31-820		0805	200E	4304753437	13103	Federal	Federal	ow	APD	ccs		08/21/13
Three Rivers Federal 10-32-820	Three Rivers Fed 10-32-820		0805	200E	4304753415	-	Federal	Federal	ow	APD	ccs		08/21/13
THREE RIVERS FED 10-41-820	Three Rivers Fed 10-41-820		0805	200E	4304752948	19137		Federal		DRL	P		02/22/13
THREE RIVERS FED 10-42-820	Three Rivers Fed 10-42-820	_	0805	200E	4304752949	13137	Federal	Federal	ow	APD	APRVD		02/22/13
Three Rivers Federal 33-11-720	Three Rivers Fed 33-11-720	_	070S	200E	4304753733	19109		Fee	ow	DRL	P		07/17/13
Three Rivers Federal 33-12-720	Three Rivers Fed 33-12-720	_	070S	200E	4304753724			Fee		DRL	woc		09/16/13
Three Rivers Federal 33-13-720	Three Rivers Fed 33-13-720		0705	200E	4304753723		Federal			DRL	woc		09/16/13
Three Rivers Federal 33-14-720	Three Rivers Fed 33-14-720	-	070S	200E	4304753551					DRL	P		09/16/13
Three Rivers Federal 33-24-720	Three Rivers Fed 33-24-720	-	070S	200E	4304753557	$\overline{}$	Federal			DRL	P		07/09/13
THREE RIVERS FED 34-15-720	Three Rivers Fed 34-15-720		070S	200E	4304752965					P	P	2,787	07/03/13
THREE RIVERS FED 34-23-720	Three Rivers Fed 34-23-720	_	0705	200E	4304752945		Federal			DRL	P		02/12/13
Three Rivers Federal 34-25-720	Three Rivers Fed 34-25-720	_	0705	200E	4304753283				_	APD	APRVD	3 3 3 3 3	
THREE RIVERS FED 34-33-720	Three Rivers Fed 34-33-720	-	0705	200E	4304752947					DRL	P	9 N 9 N 198	06/10/13
Three Rivers Federal 34-35-720	Three Rivers Fed 34-35-720	-	0705	200E	4304753282					APD	APRVD		02/22/13
Three Rivers Federal 34-42-720	Three Rivers Fed 34-42-720			200E	4304753915		Federal		• • •	APD	APRVD		06/10/13
Three Rivers Federal 34-43-720	Three Rivers Fed 34-43-720			200E	4304753916		Federal				APRVD		08/01/13
Three Rivers Federal 35-11-720	Three Rivers Fed 35-11-720	_		200E	4304753914		Federal			APD	PERPEND	07/25/42	08/01/13
Three Rivers Federal 35-12-720	Three Rivers Fed 35-12-720	_		200E	4304753917		Federal		_	APD		07/25/13	00/04/43
Three Rivers Federal 35-13-720	Three Rivers Fed 35-13-720		_	200E	4304753554						APRVD		08/01/13
Three Rivers Federal 35-14-720	Three Rivers Fed 35-14-720			200E	4304753553		Federal	-		APD	APRVD		08/20/13
Three Rivers Federal 35-21-720	Three Rivers Fed 35-21-720		$\overline{}$	200E			Federal			APD	APRVD		08/22/13
THREE RIVERS FED 35-32-720	Three Rivers Fed 35-32-720	$\longrightarrow$		200E	4304753943		Federal			APD	PERPEND	07/25/13	
THREE RIVERS FED 35-32-720	Three Rivers Fed 35-34-720	-			4304753005						APRVD		02/22/13
THREE RIVERS FED 35-42-720		_		200E	4304753006						APRVD		02/22/13
Three Rivers Federal 35-43-720	Three Rivers Fed 35-42-720	-		200E	4304753007			<u> </u>			APRVD		02/22/13
Three Rivers Federal 35-43-720	Three Rivers Fed 35-43-720			200E	4304753918				$\longrightarrow$		APRVD		08/01/13
THREE RIVERS FED 35-44-720	Three Rivers Fed 35-442-720		_	200E	4304753919				$\overline{}$		APRVD		08/01/13
Three Rivers Fed 03-34-820	Three Rivers Fed 35-44-720		_	200E	4304753008		Federal	Federal			APRVD		02/22/13
<u> </u>	Three Rivers Fed 03-34-820		$\rightarrow$	200E			Federal				SUB	12/10/13	
Three Rivers Fed 03-44-820	Three Rivers Fed 03-44-820		$\rightarrow$	200E			Federal		<del></del> +		SUB	12/10/13	
Three Rivers Fed 08-31-820	Three Rivers Fed 08-31-820	-		200E		-	Federal				SUB	12/07/13	
Three Rivers Fed 08-41-820	Three Rivers Fed 08-41-820	9[0	080S	200E			Federal			NA	SUB	12/07/13	

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STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OU. CAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: See Attached Well List
2. NAME OF OPERATOR: Axia Energy, LLC N37165	9. API NUMBER:
3. ADDRESS OF OPERATOR:  1430 Larimer Street, Ste 400 CITY Denver  STATE CO ZIP 80202 PHONE NUMBER: (720) 746-5200	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached	соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE:
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPOR	UTAH
TVDF OF CURVICOUS V	RI, OR OTHER DATA
NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  10/1/2013  CHANGE TO PREVIOUS PLANS  CHANGE TUBING  PLUG AND ABANDON  SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE  CONVERT WELL TYPE  DEEPEN  DEEPEN  PRACTURE TREAT  NEW CONSTRUCTION  NEW CONSTRUCTION  PRACTURE TREAT  NEW CONSTRUCTION  PRACTURE TREAT  NEW CONSTRUCTION  PRACTURE TREAT  NEW CONSTRUCTION  PULIG AND ABANDON  PRODUCTION (STARTI/RESUME)  RECOMPLETE - DIFFERENT FORMATION	REPERFORATE CURRENT FORMATION  SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON  TUBING REPAIR  VENT OR FLARE  WATER DISPOSAL  WATER SHUT-OFF  OTHER:
EFFECTIVE DATE: October 1, 2013 FROM: Axia Energy, LLC 1430 Larimer Street Suite 400 Denver, CO 80202 Bond Number: Blanket Statewide UT State/Fee Bond LPM9046682 TO: Ultra Resources, Inc.	RECEIVED  DEC 1 6 2013  DIV. OF OIL, GAS & MINING
NAME (PLEASE PRINT) Daniel G. Blanchard  SIGNATURE SIGNATURE DATE 12 11 13	

APPROVED

JAN 16 2013

#### ATTACHMENT TO FORM 9 CHANGE OF OPERATOR AXIA ENERGY TO ULTRA RESOURCES EFFECTIVE 10-01-2013

AXIA ENERGY TO ULTRA RESOURCE	CES EFFECTIVE 10-01-2013												
	Axia Well Name	T		T					T	State	Actual		Date
State Well Name	(for database sort	ł					Mineral	Surface	Well	Well	Status @		Apprvd
List downloaded 12-10-13	and consistency)		TWN	-		Entity	<del></del>	Lease	Type	<del></del>	12/12/13	Submitted	DOGM
THREE RIVERS 2-11-820 THREE RIVERS 2-13-820	Three Rivers 02-11-820 Three Rivers 02-13-820	<del></del>	0805	200E	4304751936	-	+	State	ow	P	P	1	
THREE RIVERS 2-15-820	Three Rivers 02-13-820 Three Rivers 02-15-820	+	0805	200E	4304752687 4304752689		+	State	low	DRL	Ρ	3	08/27/17
Three Rivers 2-21-820	Three Rivers 02-21-820		0805	200E	4304753947	18//0	State	State State	low	P APD	APRVD	3	10/15/1
Three Rivers 2-223-820	Three Rivers 02-223-820		0805	200E	4304753946		State	State	ow	APD	APRVD	4	10/15/13
Three Rivers 2-22-820	Three Rivers 02-22-820		0805	200E	4304753948		State	State	ow	APD	APRVD	3	10/15/13
THREE RIVERS 2-23-820	Three Rivers 02-23-820	-+	0805	200E	4304752688	<del></del>		State	ow	DRL	P		08/27/12
Three Rivers 2-24-820	Three Rivers 02-24-820	_	0805	200E	4304753945		State	State	ow	APD	APRVD	8	10/15/13
THREE RIVERS 2-25-820	Three Rivers 02-25-820	2	0805	200E	4304752690		State	State	ow	APD	APRVD	64	08/27/12
Three Rivers 2-32-820	Three Rivers 02-32-820	2	0805	200E	4304753274		State	State	ow	APD	APRVD	10	12/11/12
Three Rivers 2-33-820	Three Rivers 02-33-820	2	080S	200E	4304753273	18943	State	State	ow	Р	Р	i	
THREE RIVERS 2-41-820	Three Rivers 02-41-820	2	080S	200E	4304752686		State	State	ow	APD	APRVD	a	08/27/12
THREE RIVERS 2-51-820	Three Rivers 02-51-820	2	0805	200E	4304752685	18941	State	State	ow	Р	Р	3	
Three Rivers 4-13-820	Three Rivers 04-13-820		080S	200E	4304753956		Fee	Federal	ow	APD	PERPEND	08/19/13	1.0
THREE RIVERS 4-14-820	Three Rivers 04-14-820		0805	200E	4304752863			Federal	ow	DRL	Р	3	
Three Rivers 4-33-820	Three Rivers 04-33-820	$\overline{}$	0805	200E	4304753528			Fee	ow	DRL	Р	ا ما	
Three Rivers 5-31-820	Three Rivers 05-31-820		0705	200E	4304753711	19068		Fee	low	DRL	Р		
Three Rivers 7-12-821	Three Rivers 07-12-821		0805	210E	4304753562		Fee	Fee	OW	APD	PERPEND	04/15/13	~
Three Rivers 7-21-821 Three Rivers 7-22-821	Three Rivers 07-21-821	_	0805	210E	4304753560		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 7-23-821	Three Rivers 07-22-821 Three Rivers 07-23-821	$\overline{}$	080S 080S	210E 210E	4304753561		Fee	Fee	OW	APD	PERPEND	04/15/13	
Three Rivers 7-34-821	Three Rivers 07-23-821 Three Rivers 07-34-821	_	0805	210E	4304753559 4304753558		Fee Fee	Fee Fee	ow	APD APD	PERPEND PERPEND	04/15/13	<u>, 7</u>
Three Rivers 16-11-820	Three Rivers 16-11-820	_	0805	200E	4304753474			State	low	DRL	SCS	04/15/13	
Three Rivers 16-12-820	Three Rivers 16-12-820	_	0805	200E	4304753475			State	low	DRL	SCS	- <del>3</del>	03/12/13 03/12/13
Three Rivers 16-21-820	Three Rivers 16-21-820	_	0805	200E	4304753229			State	low	DRL	P P	5	12/11/12
Three Rivers 16-22-820	Three Rivers 16-22-820	_	0805	200E	4304753230			State	ow	DRL	P	4	12/11/12
Three Rivers 16-23-820	Three Rivers 16-23-820	_	0805	200E	4304753231			State	_	DRL	P	7	12/11/12
Three Rivers 16-24-820	Three Rivers 16-24-820	_	080S	200E	4304753232			State	ow	P	Р	8	1-, 11, 12
Three Rivers 16-31-820	Three Rivers 16-31-820	16	080S	200E	4304753495		State	State	ow	APD	CCS	á	03/12/13
Three Rivers 16-32-820	Three Rivers 16-32-820	16	0805	200E	4304753494	19185	State	State	OW	DRL	woc	30	03/12/13
Three Rivers 16-33-820	Three Rivers 16-33-820	16	080S	200E	4304753496	19161	State	State	ow	DRL	woc	1	03/12/13
Three Rivers 16-34-820	Three Rivers 16-34-820	16	0805	200E	4304753472		State	State	ow	APD	ccs	2	03/12/13
THREE RIVERS 16-41-820	Three Rivers 16-41-820	+		200E	4304752110			State	ow	Р	Ρ	3	
THREE RIVERS 16-42-820	Three Rivers 16-42-820	+ -	080S	200E	4304752056			State	ow	Р	Р	4	12 325
THREE RIVERS 16-43-820	Three Rivers 16-43-820	_		200E	4304752057			State	_	Р	Р		
Three Rivers 16-44-820	Three Rivers 16-44-820	+ +	0805	200E	4304753473	-	State	State		APD	ccs	<u>6</u>	03/12/13
Three Rivers 18-21-821 Three Rivers 18-22-821	Three Rivers 18-21-821	+	0805	210E	4304753276		Fee	Fee			PERPEND	12/17/12	<u> </u>
Three Rivers 18-31-821	Three Rivers 18-22-821 Three Rivers 18-31-821		080S 080S	210E 210E	4304753620			Fee	_		PERPEND	04/15/13	<u> </u>
Three Rivers 18-32-821	Three Rivers 18-32-821		0805	210E	4304753277 4304753621			Fee		_	PERPEND	12/19/12	9
Three Rivers 27-34-720	Three Rivers 27-34-720	+	070S	200E	4304753278			Fee Fee			PERPEND PERPEND	04/15/13	40_
THREE RIVERS 32-15-720	Three Rivers 32-15-720	+	070S	200E	4304752736			Fee			PERPEND	12/19/12	1
THREE RIVERS 32-25-720	Three Rivers 32-25-720	+		200E	4304752718		$\overline{}$	Fee			P	+	
Three Rivers 32-32-720	Three Rivers 32-32-720	-	_	200E	4304753734			Fee	_		P	- 31	06/12/13
Three Rivers 32-3333-720	Three Rivers 32-3333-720	-		200E	4304753950			Fee			scs	4	10/15/13
Three Rivers 32-333-720	Three Rivers 32-333-720	32	070S	200E	4304753735	19088	Fee	Fee			Р	4	06/12/13
Three Rivers 32-334-720	Three Rivers 32-334-720	32	0705	200E	4304753710			Fee	ow	DRL	Р	7	05/22/13
THREE RIVERS 32-33-720	Three Rivers 32-33-720	32	070S	200E	4304752734	19016	Fee	Fee	ow	DRL	Р	8	08/29/12
	Three Rivers 32-34-720		070S	200E	4304752735	19249	Fee	Fee	ow	DRL	DRLG	9	08/29/12
THREE RIVERS 32-35-720	Three Rivers 32-35-720	+ ++		200E	4304752737	18766	Fee			Р	Р	30	
Three Rivers 32-42-720	Three Rivers 32-42-720			200E	4304753949						APRVD		10/15/13
THREE RIVERS 34-31-720	Three Rivers 34-31-720			200E	4304752012	_				Р	Р .	2	91.54.254
Three Rivers 34-31T-720 THREE RIVERS 36-11-720	Three Rivers 34-31T-720			200E	4304753281						APRVD	3	12/11/12
THREE RIVERS 36-13-720	Three Rivers 36-11-720			200E	4304751915					<del>`</del> —	P		
THREE RIVERS 36-21-720	Three Rivers 36-13-720 Three Rivers 36-21-720		_	200E	4304752699 4304752698			-			APRVD	5	08/29/12
THREE RIVERS 36-23-720	Three Rivers 36-23-720			200E 200E	4304752733				ow .	APD .	APRVD	- 6	08/29/12
THREE RIVERS 36-31-720	Three Rivers 36-31-720	-		200E	4304752697					DRL	P	7	00/20/12
Three Rivers D	Three Rivers D	-			4304753702						APRVD	8	08/29/12 07/15/13
	Three Rivers Fed 03-11-820				4304752950						WOC	60	02/22/13
	Three Rivers Fed 03-12-820	<del></del>			4304753914				_		APRVD	- 40	08/01/13
	Three Rivers Fed 03-13-820			_	4304753951						PERPEND	08/12/13	2
	Three Rivers Fed 03-14-820	-			4304753952				-		PERPEND	08/12/13	3
	Three Rivers Fed 03-23-820	-			4304753953				-		PERPEND	08/12/13	
Three Rivers Federal 3-24-820	Three Rivers Fed 03-24-820	3 (	080S	$\overline{}$	4304753954						PERPEND	08/12/13	4 5
					4204753054	10043				5			6
THREE RIVERS FEDERAL 3-32-820	Three Rivers Fed 03-32-820	3 (	2080	200E	4304752861	10942]	euerai ji	reuerar 1	OVV I				FID
THREE RIVERS FEDERAL 3-32-820 THREE RIVERS FEDERAL 3-33-820	Three Rivers Fed 03-33-820	3 (	080S	200E	4304752864		ederal I			——+:	APRVD	7	12/24/12
THREE RIVERS FEDERAL 3-32-820 THREE RIVERS FEDERAL 3-33-820 THREE RIVERS FEDERAL 3-53-820		3 (	080S 080S	200E 200E		19104 F	ederal I	Federal	ow /	——+:	APRVD		

LIST GOWNDaded 12-10-13  and consistency)  The Rewers Fed 4-21-820  Three Rivers Fed 4-31-820  Three Rivers Fed 5-31-820  Three Rivers Fed 6-31-820  Three Rivers Fed 10-31-820  Three Rivers Fed 10-31-82	ATTACHMENT TO FORM 9 CHANG	SE OF OPERATOR												
State Well Name   Growth   State Well   Approximation   State   Stat	AXIA ENERGY TO ULTRA RESOURCE	ES EFFECTIVE 10-01-2013												
List downloaded 12-10-13		Axia Well Name	Т	T	Γ						State	Actual		Date
LIST GOWNDaded 12-10-13  and consistency)  The Rewers Fed 4-21-820  Three Rivers Fed 4-31-820  Three Rivers Fed 5-31-820  Three Rivers Fed 6-31-820  Three Rivers Fed 10-31-820  Three Rivers Fed 10-31-82	State Well Name	(for database sort		1		[		Mineral	Surface	Well	Well	Status @		Apprvd
FineER BIVERS 60 - 31-820	List downloaded 12-10-13	and consistency)	Sec	TWN	RNG	API Number	Entity	Lease	Lease	Type	Status	12/12/13	Submitted	DOGM
THREE RIVERS FED 4-31-820	THREE RIVERS 4-21-820		4	0805	200E	4304752875	19048	Federal	Fee		DRL	Р		02/22/1
Three Rivers Federal 4-13-20.   Three Rivers Fed 04-13-220.   4   0005.   200E.   4304753552.   19.186   Federal.   Federal.   Federal.   Comparison   Comparis	THREE RIVERS FED 4-31-820	Three Rivers Fed 04-31-820	4	0805	200E	4304752874	19023	Federal	Fee	ow	DRL	Р		02/22/1
Three Rivers Federal 4.4-18.20	Three Rivers Federal 4-32-820	Three Rivers Fed 04-32-820	4	0805	200E	4304753552	19168	Federal	Fee	ow	DRL	Р	2	08/26/1
Three Rivers Federal 4-18-20   Three Rivers Fed 05-18-320   5   5005   5006   3007   4007-5305   Federal   Federal   OW REW   PAPEND   1   1   1   1   1   1   1   1   1	Three Rivers Federal 4-41-820		4	0805	200E		1		+	ow		APRVD	7	08/01/1
Three Rivers Federal 5-11-820	Three Rivers Federal 4-42-820	Three Rivers Fed 04-42-820	4	0805	200E			<del></del>				<del>+</del>	11	08/01/1
Three Rivers Federal 5-14-200   Three Rivers Fed 05-12-820   5   5005   2006   4304753958   Federal Federal   OW APD   PERPEND   08/19/13   Three Rivers Federal 5-43-820   Three Rivers Fed 05-43-820   5   8005   2006   4304753959   Federal Federal   OW APD   PERPEND   08/19/13   THREE RIVERS FEDRAL 5-58-820   Three Rivers Fed 05-54-820   5   8005   2006   4304753959   Federal Federal   OW APD   PERPEND   08/19/13   PERPEND	Three Rivers Federal 5-11-820	Three Rivers Fed 05-11-820	5	0805	200E		1	<del></del>		ow		<del></del>	12/03/13	5
Three Rivers Federal 5-43-820	Three Rivers Federal 5-21-820	Three Rivers Fed 05-21-820	5	0805	200E				<del></del>			+		la
Three Rivers Federal 3-3-820	Three Rivers Federal 5-42-820		+		200E	4304753958				ow		<del></del>		7
THREE RIVERS FEDERAL 8-5-5-820 Three Rivers Fed 08-5-6-820	Three Rivers Federal 5-43-820	Three Rivers Fed 05-43-820	5	0805	200E							<del>, </del>		6
THREE RIVERS FEDERAL 8-52-820 Three Rivers Fed 08-53-820	THREE RIVERS FEDERAL 5-56-820	Three Rivers Fed 05-56-820	5	0805	200E	4304752862	18993		<del>}</del>	ow	Р			
THREE RIVERS FED 184.8-33-820	THREE RIVERS FEDERAL 8-52-820	Three Rivers Fed 08-52-820	8	0805	200E		<del> </del>	<del></del>	<del>}</del>	<u> </u>	DRL	P		02/22/1
Three Rivers Federal 9-41-820	THREE RIVERS FEDERAL 8-53-820				_		<del></del>		<del> </del>	_			1	02,22,1
Three Rivers FED 10-30-820	Three Rivers Federal 9-41-820	+	+						·	_	DRL		<u>ئ</u>	08/20/1
Three Rivers Federal 10-31-820	THREE RIVERS FED 10-30-820	Three Rivers Fed 10-30-820	10	0805	-				<del>}</del>					08/20/1
Three Rivers Federal 10-32-820	Three Rivers Federal 10-31-820		10	0805	200E			_	<del></del>	-		CCS	-	
THREE RIVERS FED 10-42-820 Three Rivers Fed 10-41-820 Three Rivers Fed 10-42-820 Three Rivers Fed 31-12-720 Three Rivers Fed 31-1	Three Rivers Federal 10-32-820	Three Rivers Fed 10-32-820	10	080\$	200E	4304753415		Federal		ow		<del></del>	7	
THREE RIVERS FED 10-42-820 Three Rivers Fed 10-42-820 Three Rivers Federal 33-11-720 Three Rivers Federal 33-11-720 Three Rivers Federal 33-11-720 Three Rivers Federal 33-12-720 Three Rivers Federal 33-12-720 Three Rivers Federal 33-12-720 Three Rivers Federal 33-12-720 Three Rivers Federal 33-13-720 Three Rivers Federal 33-14-720 Three Rivers Fed 33-14-720 Three Rivers Fed 33-14-5-720 Three Rivers Fed 34-15-720 Three Rivers Fed 34-15-720 Three Rivers Fed 34-15-720 Three Rivers Fed 34-15-720 Three Rivers Fed 34-23-720 Three Rivers Fed 34-33-720 Three Rivers Federal 34-3-720 Three Rivers Fed 34-33-720 Three Rivers Federal 34-3-720 Three Rivers Federal 35-12-720 Three Rivers Federal	THREE RIVERS FED 10-41-820	Three Rivers Fed 10-41-820	10	0805	200E	4304752948	19137	Federal	Federal	OW	DRL	P	6	02/22/1
Three Rivers Federal 33-11-720	THREE RIVERS FED 10-42-820	Three Rivers Fed 10-42-820	10	0805	200E					ow	APD	APRVD	<u> </u>	<u>'</u>
Three Rivers Federal 33-12-720	Three Rivers Federal 33-11-720	Three Rivers Fed 33-11-720	32	0705	200E		19109						•	07/17/1
Three Rivers Federal 33-13-720   Three Rivers Fed 33-13-720   33 0705   200E   4304753723   19222 Federal   Fee   OW   DRL   WOC   90   09/16/   Three Rivers Federal 33-14-720   Three Rivers Fed 33-14-720   33 0705   200E   4304753551   19108 Federal   Fee   OW   DRL   P   09/16/   Three Rivers Federal 33-24-720   Three Rivers Fed 33-24-720   34 0705   200E   4304753557   19108 Federal   Fee   OW   DRL   P   07/09/   THREE RIVERS FED 34-15-720   Three Rivers Fed 34-15-720   34 0705   200E   4304752955   18960 Federal   Fee   OW   DRL   P   02/12/   THREE RIVERS FED 34-23-720   Three Rivers Fed 34-25-720   34 0705   200E   4304753294   19049 Federal   Fee   OW   DRL   P   02/12/   Three Rivers Federal 34-25-720   Three Rivers Fed 34-35-720   34 0705   200E   4304753294   19049 Federal   Fee   OW   DRL   P   02/12/   Three Rivers Federal 34-25-720   Three Rivers Fed 34-35-720   34 0705   200E   4304753294   19050 Federal   Fee   OW   DRL   P   02/12/   Three Rivers Federal 34-35-720   Three Rivers Fed 34-35-720   34 0705   200E   4304753282   Federal   Fee   OW   APD   APRVD   DRIVER   APRVD	Three Rivers Federal 33-12-720	Three Rivers Fed 33-12-720	33	0705	200E				Fee			WOC	6	
Three Rivers Federal 33-14-720 Three Rivers Fed 33-14-720 33 0705 200E 4304753551 19107 Federal Fee OW DRL P 07/09/ Three Rivers Fed 33-24-720 Three Rivers Fed 33-24-720 34 0705 200E 4304753557 19108 Federal Fee OW DRL P 07/09/ THREE RIVERS FED 34-15-720 Three Rivers Fed 34-23-720 34 0705 200E 430475295 18960 Federal Fee OW DRL P 02/12/ Three Rivers Fed 34-23-720 Three Rivers Fed 34-23-720 34 0705 200E 430475295 19049 Federal Fee OW DRL P 02/12/ Three Rivers Federal 34-25-720 Three Rivers Fed 34-23-720 34 0705 200E 4304752945 19049 Federal Fee OW DRL P 02/12/ Three Rivers Federal 34-35-720 Three Rivers Fed 34-23-720 34 0705 200E 4304752945 19049 Federal Fee OW DRL P 02/12/ Three Rivers Federal 34-35-720 Three Rivers Fed 34-33-720 34 0705 200E 4304752945 19050 Federal Fee OW DRL P 02/12/ Three Rivers Federal 34-35-720 Three Rivers Fed 34-33-720 34 0705 200E 4304753283 Federal Fee OW DRL P 02/12/ Three Rivers Federal 34-42-720 Three Rivers Fed 34-33-720 35 0705 200E 4304753285 Federal Fee OW DRL P 02/12/ Three Rivers Federal 34-42-720 Three Rivers Fed 34-42-720 35 0705 200E 4304753915 Federal Fee OW DRL P 02/12/ Three Rivers Federal 35-11-720 Three Rivers Fed 35-11-720 35 0705 200E 4304753915 Federal Fee OW APD APRVD 08/01/ Three Rivers Federal 35-11-720 Three Rivers Fed 35-11-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD 07/25/13 IOO Three Rivers Federal 35-12-720 Three Rivers Fed 35-13-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD 07/25/13 IOO Three Rivers Federal 35-12-720 Three Rivers Fed 35-13-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-12-720 Three Rivers Fed 35-13-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD 08/02/ Three Rivers Federal 35-12-720 Three Rivers Fed 35-32-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD 08/02/27/ Three Rivers Federal 35-12-720 Three Rivers Fed 35-32-720 35 0705 200E 4304753005 19138 Federal Federal OW APD APRVD 09/02/27/ THREE RIVERS FED 35-34-720 Three Rivers Fed 35-32-720 35 0705 200E 43047	Three Rivers Federal 33-13-720	Three Rivers Fed 33-13-720	33	0705	200E					_				09/16/13
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THREE RIVERS FED 34-15-720 Three Rivers Fed 34-15-720 34 0705 200E 4304752965 18960 Federal Fee OW P P P O2/12/ Three Rivers Federal 34-25-720 Three Rivers Fed 34-25-720 34 0705 200E 4304752945 19049 Federal Fee OW DRL P O2/12/ Three Rivers Federal 34-25-720 Three Rivers Fed 34-25-720 34 0705 200E 4304753283 Federal Fee OW DRL P O2/12/ Three Rivers Federal 34-35-720 Three Rivers Fed 34-35-720 34 0705 200E 4304753282 Federal Fee OW DRL P O2/12/ Three Rivers Federal 34-42-720 Three Rivers Fed 34-35-720 35 0705 200E 4304753282 Federal Fee OW APD APRVD O6/10/ Three Rivers Federal 34-42-720 Three Rivers Fed 34-42-720 35 0705 200E 4304753915 Federal Fee OW APD APRVD O8/01/ Three Rivers Federal 35-11-720 Three Rivers Fed 34-43-720 35 0705 200E 4304753916 Federal Federal OW APD APRVD O7/125/13 I/O Three Rivers Federal 35-11-720 Three Rivers Fed 35-11-720 35 0705 200E 4304753916 Federal Federal OW APD APRVD O7/125/13 I/O Three Rivers Federal 35-12-720 Three Rivers Fed 35-11-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD O7/125/13 I/O Three Rivers Federal 35-12-720 Three Rivers Fed 35-12-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD O7/125/13 I/O Three Rivers Federal 35-13-720 Three Rivers Fed 35-14-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD O8/02/ Three Rivers Federal 35-13-720 Three Rivers Fed 35-14-720 35 0705 200E 4304753951 Federal Federal OW APD APRVD O8/02/ Three Rivers Federal 35-13-720 Three Rivers Fed 35-14-720 35 0705 200E 4304753951 Federal Federal OW APD APRVD O8/02/ Three Rivers Federal 35-13-720 Three Rivers Fed 35-14-720 35 0705 200E 4304753951 Federal Federal OW APD APRVD O8/02/ Three Rivers Federal 35-12-720 Three Rivers Fed 35-14-720 35 0705 200E 4304753951 Federal Federal OW APD APRVD O7/25/13 II THREE RIVERS FED 35-34-720 Three Rivers Fed 35-34-720 35 0705 200E 4304753905 Federal Federal OW APD APRVD O7/25/13 II THREE RIVERS FED 35-34-720 Three Rivers Fed 35-44-720 35 0705 200E 4304753919 Federal Federal OW APD APRVD O7/25/13 II THREE RIVERS FED 35-44-720 Three Rive	Three Rivers Federal 33-24-720	Three Rivers Fed 33-24-720	33	0705	200E							P	2	07/09/1
Three Rivers Federal 34-25-720	THREE RIVERS FED 34-15-720	Three Rivers Fed 34-15-720	34	0705	200E	4304752965	18960	Federal	Fee	ow	Р	Р	<b>3</b>	
Three Rivers Federal 34-25-720 Three Rivers Fed 34-25-720 34 070S 200E 4304753283 Federal Fee OW APD APRVD 02/22/ Three Rivers Federal 34-33-720 Three Rivers Fed 34-33-720 34 070S 200E 4304753282 Federal Fee OW APD APRVD 06/10/ Three Rivers Federal 34-43-5720 Three Rivers Fed 34-43-720 35 070S 200E 4304753382 Federal Fee OW APD APRVD 06/10/ Three Rivers Federal 34-42-720 Three Rivers Fed 34-42-720 35 070S 200E 4304753915 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-11-720 Three Rivers Fed 35-11-720 35 070S 200E 4304753916 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-11-720 Three Rivers Fed 35-11-720 35 070S 200E 4304753917 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-12-720 Three Rivers Fed 35-13-720 35 070S 200E 4304753917 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-13-720 Three Rivers Fed 35-13-720 35 070S 200E 4304753917 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-13-720 Three Rivers Fed 35-13-720 35 070S 200E 4304753917 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-12-720 Three Rivers Fed 35-13-720 35 070S 200E 4304753954 Federal Federal OW APD APRVD 08/02/ Three Rivers Federal 35-12-720 Three Rivers Fed 35-13-720 35 070S 200E 4304753953 Federal Federal OW APD APRVD 08/02/21/ THREE RIVERS FED 35-32-720 Three Rivers Fed 35-32-720 35 070S 200E 4304753905 19138 Federal Federal OW APD APRVD 08/02/21/ THREE RIVERS FED 35-32-720 Three Rivers Fed 35-34-720 35 070S 200E 4304753005 19138 Federal Federal OW APD APRVD 02/22/21/ THREE RIVERS FED 35-42-720 Three Rivers Fed 35-42-720 35 070S 200E 4304753007 Federal Federal OW APD APRVD 02/22/21/ Three Rivers Federal 35-42-720 Three Rivers Fed 35-42-720 35 070S 200E 4304753007 Federal Federal OW APD APRVD 02/22/21/ Three Rivers Fed 35-42-720 Three Rivers Fed 35-42-720 35 070S 200E 4304753007 Federal Federal OW APD APRVD 02/22/21/ Three Rivers Fed 03-34-820 Three Rivers Fed 35-44-720 35 070S 200E 4304753007 Federal Federal OW APD APRVD 02/22/21/ Three Rivers Fed 03-34-820 Three River	THREE RIVERS FED 34-23-720	Three Rivers Fed 34-23-720	34	070S	200E	4304752945	19049	Federal	Fee	ow	DRL	Р	ш	02/12/13
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Three Rivers Federal 34-35-720 Three Rivers Fed 34-35-720 35 0705 200E 4304753282 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 34-42-720 Three Rivers Fed 34-42-720 35 0705 200E 4304753915 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-13-720 Three Rivers Fed 35-11-720 35 0705 200E 4304753916 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-11-720 Three Rivers Fed 35-11-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-12-720 Three Rivers Fed 35-13-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-13-720 Three Rivers Fed 35-13-720 35 0705 200E 430475354 Federal Federal OW APD APRVD 08/01/ Three Rivers Federal 35-14-720 Three Rivers Fed 35-14-720 35 0705 200E 4304753554 Federal Federal OW APD APRVD 08/20/ Three Rivers Federal 35-14-720 Three Rivers Fed 35-14-720 35 0705 200E 4304753553 Federal Federal OW APD APRVD 08/20/ Three Rivers Federal 35-21-720 Three Rivers Fed 35-21-720 35 0705 200E 4304753503 Federal Federal OW APD APRVD 08/20/ Three Rivers Federal 35-32-720 Three Rivers Fed 35-32-720 35 0705 200E 4304753005 19138 Federal Federal OW APD APRVD 02/22/ THREE RIVERS FED 35-32-720 Three Rivers Fed 35-34-720 35 0705 200E 4304753006 Federal Federal OW APD APRVD 02/22/ THREE RIVERS FED 35-34-720 Three Rivers Fed 35-42-720 35 0705 200E 4304753006 Federal Federal OW APD APRVD 02/22/ Three Rivers Federal 35-44-720 Three Rivers Fed 35-44-720 35 0705 200E 4304753007 Federal Federal OW APD APRVD 02/22/ Three Rivers Federal 35-44-720 Three Rivers Fed 35-44-720 35 0705 200E 4304753008 Federal Federal OW APD APRVD 02/22/ Three Rivers Federal 35-44-720 Three Rivers Fed 35-44-720 35 0705 200E 4304753008 Federal Federal OW APD APRVD 08/01/13 1/ Three Rivers Fed 03-34-820 Three Rivers Fed 03-34-820 3 0805 200E Federal Federal OW APD APRVD 08/01/13 1/ Three Rivers Fed 03-34-820 Three Rivers Fed 03-34-820 3 0805 200E Federal Federal OW APD APRVD 10/01/3 1/ Three Rivers Fed 03-34-820 Three Rivers Fed 03-34-820 3 0805	THREE RIVERS FED 34-33-720	Three Rivers Fed 34-33-720	34	070S	200E	4304752947	19050	Federal	Fee	_		Р		
Three Rivers Federal 34-42-720	Three Rivers Federal 34-35-720	Three Rivers Fed 34-35-720	34	0705	200E	4304753282						APRVD	7	
Three Rivers Federal 34-43-720	Three Rivers Federal 34-42-720	Three Rivers Fed 34-42-720	35	0705	200E	4304753915							2	
Three Rivers Federal 35-11-720 Three Rivers Fed 35-11-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD 08/01/1 Three Rivers Federal 35-12-720 Three Rivers Fed 35-13-720 35 0705 200E 4304753917 Federal Federal OW APD APRVD 08/01/1 Three Rivers Federal 35-13-720 Three Rivers Fed 35-13-720 35 0705 200E 4304753535 Federal Federal OW APD APRVD 08/20/1 Three Rivers Federal 35-14-720 Three Rivers Fed 35-14-720 35 0705 200E 430475353 Federal Federal OW APD APRVD 08/22/1 THREE RIVERS FED 35-32-720 Three Rivers Fed 35-32-720 35 0705 200E 4304753943 Federal Federal OW APD APRVD 07/25/13 UNIT THREE RIVERS FED 35-32-720 Three Rivers Fed 35-32-720 35 0705 200E 4304753005 19138 Federal Federal OW APD APRVD 07/25/13 UNIT THREE RIVERS FED 35-34-720 Three Rivers Fed 35-34-720 35 0705 200E 4304753005 19138 Federal Federal OW APD APRVD 07/22/2 THREE RIVERS FED 35-34-720 Three Rivers Fed 35-34-720 35 0705 200E 4304753007 Federal Federal OW APD APRVD 02/22/2 Three Rivers Federal 35-43-720 Three Rivers Fed 35-43-720 35 0705 200E 4304753007 Federal Federal OW APD APRVD 02/22/2 Three Rivers Federal 35-42-720 Three Rivers Fed 35-43-720 35 0705 200E 4304753007 Federal Federal OW APD APRVD 02/22/2 Three Rivers Federal 35-442-720 Three Rivers Fed 35-43-720 35 0705 200E 4304753007 Federal Federal OW APD APRVD 08/80/1/2 Three Rivers Federal 35-442-720 Three Rivers Fed 35-442-720 35 0705 200E 4304753008 Federal Federal OW APD APRVD 08/80/1/2 Three Rivers Fed 03-344-720 Three Rivers Fed 35-442-720 35 0705 200E 4304753008 Federal Federal OW APD APRVD 08/80/1/2 Three Rivers Fed 03-34-820 Three Rivers Fed 03-34-820 3 0805 200E Federal Federal NA SUB 12/10/13 2 Three Rivers Fed 03-44-820 Three Rivers Fed 03-34-820 3 0805 200E Federal NA SUB 12/10/13 2 Three Rivers Fed 08-31-820 Three Rivers Fed 08-31-820 8 0805 200E Federal NA SUB 12/10/13 3	Three Rivers Federal 34-43-720	Three Rivers Fed 34-43-720	35	070S	200E	4304753916				-			a	08/01/13
Three Rivers Federal 35-12-720	Three Rivers Federal 35-11-720	Three Rivers Fed 35-11-720	35	070S	200E	4304753944			-	_				<del></del>
Three Rivers Federal 35-13-720	Three Rivers Federal 35-12-720	Three Rivers Fed 35-12-720	35	0705	200E	4304753917					_		1	
Three Rivers Federal 35-14-720 Three Rivers Fed 35-14-720 35 0705 200E 4304753553 Federal Federal OW APD PERPEND 07/25/13 THREE RIVERS FED 35-32-720 Three Rivers Fed 35-32-720 35 0705 200E 4304753005 19138 Federal Federal OW APD PERPEND 07/25/13 THREE RIVERS FED 35-32-720 Three Rivers Fed 35-34-720 35 0705 200E 4304753005 19138 Federal Federal OW APD APRVD 02/22/27 THREE RIVERS FED 35-34-720 Three Rivers Fed 35-34-720 35 0705 200E 4304753006 Federal Federal OW APD APRVD 02/22/27 THREE RIVERS FED 35-42-720 Three Rivers Fed 35-42-720 35 0705 200E 4304753007 Federal Federal OW APD APRVD 02/22/27 Three Rivers Fed 35-43-720 35 0705 200E 4304753007 Federal Federal OW APD APRVD 02/22/27 Three Rivers Federal 35-442-720 35 0705 200E 4304753918 Federal Federal OW APD APRVD 08/80/17 Three Rivers Fed 35-442-720 35 0705 200E 4304753919 Federal Federal OW APD APRVD 08/80/17 Three Rivers Fed 35-442-720 35 0705 200E 4304753919 Federal Federal OW APD APRVD 08/80/17 Three Rivers Fed 35-442-720 35 0705 200E 4304753919 Federal Federal OW APD APRVD 08/80/17 Three Rivers Fed 35-442-720 35 0705 200E 4304753908 Federal Federal OW APD APRVD 08/80/17 Three Rivers Fed 03-34-820 Three Rivers Fed 03-34-820 3 0805 200E Federal Federal OW APD APRVD 10/22/2/17 Three Rivers Fed 03-34-820 Three Rivers Fed 03-34-820 3 0805 200E Federal Federal NA SUB 12/10/13 2 Three Rivers Fed 03-44-820 Three Rivers Fed 03-44-820 3 0805 200E Federal NA SUB 12/10/13 2 Three Rivers Fed 08-31-820 Three Rivers Fed 08-31-820 8 0805 200E Federal NA SUB 12/10/13 3	Three Rivers Federal 35-13-720	Three Rivers Fed 35-13-720	35	0705	200E								3	<del></del>
Three Rivers Federal 35-21-720	Three Rivers Federal 35-14-720	Three Rivers Fed 35-14-720	35	070S	200E	4304753553		Federal					2	
THREE RIVERS FED 35-32-720 Three Rivers Fed 35-32-720 35 070S 200E 4304753005 19138 Federal Federal OW DRL APRVD 02/22/: THREE RIVERS FED 35-34-720 Three Rivers Fed 35-34-720 35 070S 200E 4304753006 Federal Federal OW APD APRVD 02/22/: Three Rivers Fed 35-42-720 Three Rivers Fed 35-42-720 35 070S 200E 4304753007 Federal Federal OW APD APRVD 02/22/: Three Rivers Federal 35-43-720 Three Rivers Fed 35-42-720 35 070S 200E 4304753018 Federal Federal OW APD APRVD 02/22/: Three Rivers Federal 35-442-720 Three Rivers Fed 35-442-720 35 070S 200E 4304753919 Federal Federal OW APD APRVD 08/01/: THREE RIVERS FED 35-44-720 Three Rivers Fed 35-442-720 35 070S 200E 4304753018 Federal Federal OW APD APRVD 08/02/: THREE RIVERS FED 35-44-720 Three Rivers Fed 35-442-720 35 070S 200E 4304753008 Federal Federal OW APD APRVD 02/22/: Three Rivers Fed 03-34-820 Three Rivers Fed 03-34-820 3 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 03-44-820 Three Rivers Fed 03-44-820 Three Rivers Fed 03-34-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 Three Rivers Fed	Three Rivers Federal 35-21-720		+										07/25/13	Ц
THREE RIVERS FED 35-34-720 Three Rivers Fed 35-34-720 35 070S 200E 4304753006 Federal Federal OW APD APRVD 02/22/: THREE RIVERS FED 35-42-720 Three Rivers Fed 35-42-720 35 070S 200E 4304753007 Federal Federal OW APD APRVD 02/22/: Three Rivers Federal 35-43-720 Three Rivers Fed 35-43-720 35 070S 200E 4304753918 Federal Federal OW APD APRVD 08/01/: Three Rivers Federal 35-442-720 Three Rivers Fed 35-442-720 35 070S 200E 4304753919 Federal Federal OW APD APRVD 08/01/: THREE RIVERS FED 35-442-720 Three Rivers Fed 35-442-720 35 070S 200E 4304753919 Federal Federal OW APD APRVD 08/01/: Three Rivers Fed 03-34-820 Three Rivers Fed 03-34-820 3 080S 200E Federal Federal NA SUB 12/10/13 2 Three Rivers Fed 03-44-820 Three Rivers Fed 03-44-820 8 080S 200E Federal NA SUB 12/10/13 2 Three Rivers Fed 08-31-820 Three Rivers Fed 08-31-820 8 080S 200E Federal NA SUB 12/10/13 3	THREE RIVERS FED 35-32-720		-				19138							02/22/13
THREE RIVERS FED 35-42-720         Three Rivers Fed 35-42-720         35 070S         200E         4304753007         Federal Federal Federal Federal OW APD APRVD         APRVD         02/22/2           Three Rivers Federal 35-43-720         Three Rivers Fed 35-43-720         35 070S         200E         4304753918         Federal Federal Federal OW APD APRVD         APRVD         8 08/01/2           Three Rivers Federal 35-442-720         Three Rivers Fed 35-442-720         35 070S         200E         4304753919         Federal Federal OW APD APRVD         APRVD         9 08/01/2           THREE RIVERS FED 35-44-720         Three Rivers Fed 35-44-720         35 070S         200E         4304753008         Federal Federal Federal OW APD APRVD         408/01/2           Three Rivers Fed 03-34-820         Three Rivers Fed 03-34-820         3 080S         200E         Federal Federal Federal Federal OW APD APRVD         408/01/2           Three Rivers Fed 03-34-820         Three Rivers Fed 03-34-820         3 080S         200E         Federal Federal Federal Federal OW APD APRVD         408/01/2           Three Rivers Fed 03-34-820         Three Rivers Fed 03-34-820         3 080S         200E         Federal Federal Federal Federal OW APD APRVD         408/01/2           Three Rivers Fed 03-34-820         Three Rivers Fed 03-34-820         Three Rivers Fed 03-44-820         3 080S         200E	THREE RIVERS FED 35-34-720		<del></del>							$\overline{}$				
Three Rivers Federal 35-43-720	THREE RIVERS FED 35-42-720		-											
Three Rivers Federal 35-442-720			-										6	
THREE RIVERS FED 35-44-720         Three Rivers Fed 35-44-720         35 070S         200E         4304753008         Federal         Federal         OW APD         APRVD         O 2/22/2           Three Rivers Fed 03-34-820         Three Rivers Fed 03-34-820         3 080S         200E         Federal         NA         SUB         12/10/13 </td <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><del></del>\$</td> <td></td> <td></td> <td>- 8</td> <td><del></del></td>			-							<del></del> \$			- 8	<del></del>
Three Rivers Fed 03-34-820         Three Rivers Fed 03-34-820         3 080S         200E         Federal         NA         SUB         12/10/13           Three Rivers Fed 03-44-820         Three Rivers Fed 03-44-820         3 080S         200E         Federal         NA         SUB         12/10/13         2           Three Rivers Fed 08-31-820         Three Rivers Fed 08-31-820         8 080S         200E         Federal         NA         SUB         12/10/13         2			$\longrightarrow$							· · · · · · · · · · · · · · · · · · ·				<del></del>
Three Rivers Fed 03-44-820         Three Rivers Fed 03-44-820         3 080S         200E         Federal         NA         SUB         12/10/13         2           Three Rivers Fed 08-31-820         Three Rivers Fed 08-31-820         8 080S         200E         Federal         NA         SUB         12/07/13         3			$\rightarrow$											1
Three Rivers Fed 08-31-820						<del> </del>								<del>-  </del>
			<del></del>		$\overline{}$									<del>- 5</del>
	Three Rivers Fed 08-41-820	Three Rivers Fed 08-41-820			200E	<del></del>		Federal				SUB	12/07/13	귝

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-49319
SUNDR	Y NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: Three Rivers 16-32-820
2. NAME OF OPERATOR: ULTRA RESOURCES INC			<b>9. API NUMBER:</b> 43047534940000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #	£245 , Englewood, CO, 80112	PHONE NUMBER: 303 645-9810 Ex	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2628 FNL 1970 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWNE Section: 1	HIP, RANGE, MERIDIAN: I 6 Township: 08.0S Range: 20.0E Mer	dian: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	ON
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMA	ATIONS CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT     Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
2/3/2014			OTHER:
	WILDCAT WELL DETERMINATION	☐ OTHER	Į
	COMPLETED OPERATIONS. Clearly show		
NAME (PLEASE PRINT)	PHONE NUM		ialiet
Debbie Ghani	303 645-9810	Sr. Permitting Specia	เลแรเ
<b>SIGNATURE</b>   N/A		<b>DATE</b> 2/3/2014	

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 09/27/2013

WELL NAME	TH	REE RIVER	S 16-32-820		AFE#	130520	<u> </u>	JD DATE	09/27	7/2013
WELL SITE CONSUL			eonio				CONTRAC		Capstar	
	1,045'	FOOTAGE					HRS		AYS SINCE SI	
ANTICIPATED TD DAILY MUD LOSS	CIIDE:	_ PRESEN	T OPS <u>0</u> DH:	1 - Rig Up & T	ear Down a CUM. MU		_ GEOLOG SURF:	SIC SECT	(Not Sp DH:	ecified)
MUD COMPANY:	SUKF		υп		MUD ENG		SUKF.		DH.	
LAST BOP TEST		NEXT CA	SING SIZE				EPTH	SS	E \$	SSED
AFE Days vs De DWOP Days vs De	pth:				AFE Cost	Vs Depth	:			_
				# LL	_/BP Receiv	ed Today	:			_
FUEL AND WATER L Fluid Fuel Gas Fresh Well Water Nano Water Frac Water Reserve Pit Wat Boiler Hours Air Heater Hours Urea Urea Sys 1 Hrs Urea Sys 2 Hrs Urea Sys 3 Hrs	er er		Used	Received Tr	ransferred	On Ha	and Cum.I	Used		
RECENT CASINGS R Surface Conductor	RUN:	<b>Date Se</b> 09/26/201 09/21/201	3 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.0 109.0	00	<b>Depth</b> 1 1,015 120	FIT Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	I DEPTH OL	JT I-O-D-	L-B-G-O-R
BIT OPERATIONS: BIT WOB	RPM	GPM	PRESS	HHP	HRS	24hr DI	IST 24HR	ROP CUM H	HRS CUM D	IST CUM RO
RECENT MUD MOTO # SIZE	RS: MANUF	т т	YPE	SERIAL N	O.	LOBES	DEPTH IN	I DEPTH OL	JT DATE IN	DATE OUT
MUD MOTOR OPERA	ATIONS:									
# WOB		//GAL	HRS	24hr DIS	T 24	HR ROP	CUMI	HRS C	UM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS	I	NS	EW DI	LS Tool Type	e
GEOLOGY					Flore	2-	Flore T	rin		
					Flare S Trip G	oz as	Flare I	rip		
Litho					New Sar		Total Sa	nd		
Shows:										
SURFACE PUMP/BH Pump 1 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight 0	Stroke Le Stroke Le Stroke Le	n n n	SPM _ SPM _ SPM _		PSI PSI PSI	G		SPR SPR SPR	Hours	Slow PSI Slow PSI on BHA _9 on Motor
DAILY COSTS		DAILY	CUM	AFE				DAILY	CUM	AFE
8100100: Permits & I			3,407			: Insuranc		_		
8100110: Staking & \$ 8100200: Location R						): Surface ): Reclama	Damages &	R		
3100200. Eddalloff R 3100220: Secondary					8100230					
8100300: Water Well	ı [						ater Disposa	a		
3100320: Mud & Che			5,046	4 000 000			Mud Diesel			
3100400: Drilling Rig 3100405: Rig Fuel			30,240	1,086,930	8100402 8100410					
3100420: Rig r del 3100420: Bits & Rea	mers						out Services	;		
3100510: Testing/Ins							& Hauling		425	
3100530: Equipment 3100532: Solids Con					8100531 8100535		ole Motor Re	en		
8100532. Solids Con 8100540: Fishing	illoi Equi						Casing/Inte		14,378	
8100605: Cementing			50,248		8100610	: P & A	Ü		,	
8100700: Logging - 0					8100705					
8100800: Supervision 8100900: Contingend							ring/Evaluat trative O/H			
8100999: Non Opera							nspection/			
8200520: Trucking &	Hauling	_			8200530	: Equipme	ent Rental			
8200605: Cementing					8210600		on Casing		102 744	1 096 020
3210620: Wellhead/0	Jasing Hea [		1		Total Cos	ι			103,744	1,086,930

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 09/28/2013

WELL NAME TH	HREE RIVERS 16-32-820		AFE# <u>130520</u> SPUI	D DATE 09/27/2013
WELL SITE CONSULTANT	Jess Peonio	PHONE#	CONTRACT	
TD AT REPORT (no data)			CUM. DRLG. HRS 9.0	
DAILY MUD LOSS SURF:		(nothing		C SECT. (Not Specified) DH:
MUD COMPANY:  LAST BOP TEST	_ NEXT CASING SIZE _		MUD ENGINEER: NEXT CASING DEPTH	SSE SSED
TIME BREAKDOWN				
CASING & CEMEN TRIPPIN			DRILLING 9.00	RIG UP / TEAR DOWN 8.00
DETAILS           Start         End         Hrs           06:00         09:00         03:00           09:00         18:00         09:00           18:00         20:00         02:00           20:00         22:30         02:30           22:30         01:00         02:30           01:00         06:00         05:00	MIRU Pro Petro Drill f/ 120' to 1045' Trip out f/ casing Run 23 jts of 8 5/8" 24# Cement casing w/ 675sx Move rig off location	J-55 casing to	o 1014' cement, bumped the plug, floats he	ld, circulated 20 bbls of cement to surface
AFE Days vs Depth:		# LL	AFE Cost Vs Depth: /BP Received Today:	
RECENT CASINGS RUN: Surface Conductor	Date Set         Size           09/26/2013         8.625           09/21/2013         16.000	<b>Grade</b> J-55 C-75*	Weight         Depth         FI           24.000         1,015           109.000         120	T Depth FIT ppg
RECENT BITS: BIT SIZE MANUF	TYPE SERIAL NO.	JETS	TFA DEPTH IN	DEPTH OUT I-O-D-L-B-G-O-R
BIT OPERATIONS: BIT WOB RPM	GPM PRESS	HHP	HRS 24hr DIST 24HR R	OP CUM HRS CUM DIST CUM ROP
RECENT MUD MOTORS: # SIZE MANU	F TYPE	SERIAL NO	D. LOBES DEPTH IN	DEPTH OUT DATE IN DATE OUT
MUD MOTOR OPERATIONS:  # WOB RE	V/GAL HRS	24hr DIS	T 24HR ROP CUM H	RS CUM DIST CUM ROP
SURVEYS Date TMD	Incl Azimuth	TVD	VS NS I	EW DLS Tool Type
Conn Gas			Flare Sz Flare Trip Trip Gas Total Son	<u> </u>
Litho Shows:		_	New Sand Total Sand	u
SURFACE PUMP/BHA INFORM/ Pump 1 Liner Stroke Li Pump 2 Liner Stroke Li BHA Makeup Up Weight 0 Dn Weic	en SPM en SPM en SPM	[	PSI GPM PSI GPM PSI GPM Length Torque 0	SPR Slow PSI Slow PSI Slow PSI Slow PSI Hours on BHA 9 Hours on Motor
DAILY COSTS	DAILY CUM	AFE		DAILY CUM AFE
8100100: Permits & Fees 8100110: Staking & Surveying	3,407		8100105: Insurance 8100120: Surface Damages & R	
8100200: Location Roads			8100210: Reclamation	
8100220: Secondary Reclamati 8100300: Water Well			8100230: Pit Solidification 8100310: Water/Water Disposa	
8100320: Mud & Chemicals	5,046	1.006.020	8100325: Oil Base Mud Diesel	
8100400: Drilling Rig 8100405: Rig Fuel	30,240	1,086,930	8100402: Drilling Rig Cleani 8100410: Mob/Demob	
8100420: Bits & Reamers 8100510: Testing/Inspection/			8100500: Roustabout Services 8100520: Trucking & Hauling	425
8100530: Equipment Rental			8100531: Down Hole Motor Ren	
8100532: Solids Control Equi 8100540: Fishing			8100535: Directional Drillin 8100600: Surface Casing/Inte	14,378
8100605: Cementing Work	50,248		8100610: P & A 8100705: Logging Mud	
8100700: Logging - Openhole 8100800: Supervision/Consult			8100705: Logging - Mud 8100810: Engineering/Evaluat	
8100900: Contingencies 8100999: Non Operated IDC			8100950: Administrative O/H 8200510: Testing/Inspection/	
8200520: Trucking & Hauling			8200530: Equipment Rental	
8200605: Cementing Work 8210620: Wellhead/Casing Hea			8210600: Production Casing Total Cost	103,744 1,086,930

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 09/29/2013

WELL NAME	TH	REE RIVE	RS 16-32-820		AFE#	13052	<u> 20 SPUI</u>	D DATE	09/2	7/2013
WELL SITE CONSU	JLTANT	Jess	Peonio	_ PHONE#			CONTRACT	OR	Capstar	321
TD AT REPORT _	(no data)	FOOTAG	E	PRATE	CUN		HRS 9.0		DAYS SINCE S	PUD2
ANTICIPATED TD		PRESE	NT OPS	(nothing	recorded)		GEOLOGI	C SECT.	(Not Sp	ecified)
DAILY MUD LOSS					CUM. MU	D LOSS				
MUD COMPANY:					MUD ENG					
LAST BOP TEST		NEXT C	ASING SIZE		NEXT C	ASING D	EPTH	S	SE :	SSED
AFE Days vs I DWOP Days vs I	Depth:			# LL	AFE Cost /BP Receiv	Vs Depthed Today	n: /:			_
RECENT CASINGS Surface Conductor	RUN:	<b>Date S</b> 09/26/20 09/21/20	013 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00	<b>Depth</b> FI 1,015 120	T Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH O	UT I-O-D-	L-B-G-O-R
BIT OPERATIONS: BIT WOB	RPM	GPM	PRESS	HHP	HRS	24hr D	IST 24HR R	OP CUM	HRS CUM D	IST CUM RO
RECENT MUD MO # SIZE	TORS: MANUF	=	TYPE	SERIAL NO	<b>O</b> .	LOBES	DEPTH IN	DEPTH O	UT DATE IN	DATE OU
MUD MOTOR OPE # WOB		//GAL	HRS	24hr DIS	T 24	HR ROP	CUM H	RS (	CUM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS		NS I	EW [	DLS Tool Typ	е
GEOLOGY										
					Flare S	Sz	Flare Tri	p		
Conn Gas					Trip_Ga				-	
					New Sar	nd	Total San	d		
Shows:										
SURFACE PUMP/E	HA INFORMA	TION								
Pump 1 Liner	Stroke Le		SPM _		PSI		SPM	SPR		Slow PSI
Pump 2 Liner			SPM _		PSI		PM	SPR		Slow PSI _
Pump 32 Liner	Stroke Le	en	SPM _	'	PSI		SPM	SPR		Slow PSI _
BHA Makeup Up Weight 0	Dn Weigl	ht 0	RT Weight	0			ngth que <u>0</u>			on BHA <u>9</u> on Motor
op woight <u>c</u>	Bil Wolgi	in	TEL VVOIGIRE _			101	440 <u>0</u>		Tiodio	
DAILY COSTS		DAILY		AFE				DAILY	CUM	AFE
3100100: Permits			3,407		8100105					
3100110: Staking							Damages & R			
3100200: Location					8100210					
3100220: Seconda					8100230					
3100300: Water W			5,046				Vater Disposa e Mud Diesel			
3100320: Mud & C 3100400: Drilling F			30,240	1,086,930	8100402					
3100405: Rig Fuel	•		30,240	1,000,930	8100410					
3100420: Bits & Re							out Services			
3100510: Testing/I							g & Hauling		425	
3100530: Equipme		710	710				lole Motor Ren		120	
3100532: Solids C	ontrol Equi				8100535					
3100540: Fishing							Casing/Inte		14,378	
3100605: Cementi	ng Work		50,248		8100610		J			
3100700: Logging					8100705		ı - Mud			
3100800: Supervis							ering/Evaluat			
3100900: Continge							trative O/H			
	erated IDC						Inspection/			
5 100999. NON ODE					8200530					
3200520: Trucking	& Hauling				0200000	. ⊏quipiiii	Citt i Cittai			
							ion Casing			

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 10/02/2013

WELL NAME	THE	REE RIVE	RS 16-32-820		AFE#	13052	20 <b>SPU</b>	D DATE _	09/27	7/2013
WELL SITE CONSUL			Peonio	PHONE#			CONTRACT	OR	Capstar	321
TD AT REPORT(	no data)	FOOTAG	E	PRATE	CU	M. DRLG.	HRS 9.0	DRLG DA	YS SINCE SI	PUD5
ANTICIPATED TD _		PRESE	NT OPS		recorded)		GEOLOGI	C SECT	(Not Sp	
DAILY MUD LOSS	SURF:		DH:		CUM. MU	JD LOSS	SURF:		DH:	
MUD COMPANY:					MUD EN					
LAST BOP TEST _		NEXT C	ASING SIZE _		_ NEXT (	CASING D	EPTH	SSE	\$	SSED
AFE Days vs De DWOP Days vs De	epth: epth:			# LL	AFE Cos /BP Recei	t Vs Depth ved Today	n: y:			_
RECENT CASINGS F	DI INI.	Date S	et Size	Grade	Woi	mh4	Depth FI	T Depth I	EIT nna	
Surface Conductor	KON.	09/26/20 09/21/20	013 8.625	J-55	<b>Wei</b> 24.0 109.	000	1,015 120	т Берит т	гіі рру	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH OUT	. I-O-D-I	L-B-G-O-R
BIT OPERATIONS: BIT WOB	RPM	GPM	PRESS	HHP	HRS	24hr 🗅	DIST 24HR R	OP CUM HE	RS CUM DI	IST CUM ROI
RECENT MUD MOTO # SIZE	DRS: MANUF		TYPE	SERIAL N	Ο.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
# WOB	ATIONS: REV/	GAL	HRS	24hr DIS	T 2	4HR ROP	CUM HI	RS CUI	M DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS		NS E	EW DLS	S Tool Type	Э
Bk Gas Conn Gas Litho Shows:  SURFACE PUMP/BH Pump 1 Liner Pump 2 Liner	A INFORMAT	ΓΙΟΝ	SPM _	<u> </u>	Trip G	Sas				Slow PSI
Pump 32 Liner BHA Makeup Up Weight 0	Stroke Ler	·	SPM _		PSI	Lei	SPM ngth rque0	SPR _	Hours	Slow PSI on BHA _9 on Motor
, ,	_ Dir Weigir		<b>-</b>			101				
DAILY COSTS		DAILY		AFE				DAILY	CUM	AFE
3100100: Permits & 3100110: Staking & 3100200: Location R 3100220: Secondary 3100300: Water Wel 3100320: Mud & Che 3100400: Drilling Rig 3100405: Rig Fuel	Surveying Loads Reclamati Loads Reclamati Loads		6,359 30,240	1,086,930	810012 810021 810023 810031 810032 810040	0: Reclam 0: Pit Solid 0: Water/V 5: Oil Base 2: Drilling 0: Mob/De	Damages & Ration dification Vater Disposa Mud Diesel Rig Cleani			
3100420: Bits & Rea 3100510: Testing/Ins							oout Services		425	
3100510. Testing/ins 3100530: Equipment			710				g & Hauling Iole Motor Ren		420	
3100532: Solids Cor			7.10			5: Directio				
3100540: Fishing	,						Casing/Inte		14,378	
3100605: Cementing			50,248		810061	0: P & A	Ü			
3100700: Logging - 0						5: Logging				
3100800: Supervisio							ering/Evaluat			
3100900: Contingen							strative O/H			
3100999: Non Opera 3200520: Trucking &							Inspection/ ent Rental			
3200520: Trucking & 3200605: Cementing							ion Casing			
3210620: Wellhead/					Total Cos		ion Casing		106,778	1,086,930
JE . G GEO. VVOIII ICAU/			1		. J.u. 000			1	.50,770	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 10/03/2013

WELL NAME	TH	<u>REE RIVE</u>	RS 16-32-820		AFE#	13052	<u>0</u> SPU	D DATE _	09/27	7/2013
WELL SITE CONSUL			Peonio	PHONE#			CONTRACT		Capstar	321
D AT REPORT(				PRATE	CUN	I. DRLG.	HRS 9.0	DRLG DA	YS SINCE S	PUD6
ANTICIPATED TD _		PRESE		(nothing	recorded)		GEOLOGI	C SECT	(Not Sp	
DAILY MUD LOSS			DH:		CUM. MU	D LOSS	SURF:		DH:	
MUD COMPANY:					MUD ENG					
AST BOP TEST _		NEXT C	ASING SIZE	_	_ NEXT C	ASING D	EPTH	SSE	:	SSED
AFE Days vs De DWOP Days vs De	epth: epth:			# LI	AFE Cost _/BP Receiv	Vs Depth red Today	n: v:			_
RECENT CASINGS F Surface Conductor	RUN:	<b>Date S</b> 09/26/20 09/21/20	013 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00	<b>Depth</b> FI 1,015 120	T Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH OU	Γ I-O-D-	L-B-G-O-R
BIT OPERATIONS: BIT WOB	RPM	GPM	PRESS	HHP	HRS	24hr D	IST 24HR R	OP CUM H	RS CUM D	IST CUM RC
RECENT MUD MOTO # SIZE	ORS: MANUF	=	TYPE	SERIAL N	O.	LOBES	DEPTH IN	DEPTH OU	T DATE IN	DATE OU
# WOB		//GAL	HRS	24hr DIS	ST 24	HR ROP	CUM H	RS CL	IM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS		NS	EW DL	S Tool Type	Э
BEOLOGY										
					Flare S Trip Ga		Flare I ri	p		
1.50					New Sar		Total San	d		
Shows:										
SURFACE PUMP/BH	IA INFORMA	TION								
Pump 1 Liner	Stroke Le		SPM		PSI	G	SPM	SPR	9	Slow PSI
Pump 2 Liner	Stroke Le		SPM		PSI		SPM	SPR		Slow PSI
Pump 32 Liner	Stroke Le		SPM _		PSI		SPM	SPR		Slow PSI
BHA Makeup		-4 0	DT Mainh				ngth			on BHA 9
Up Weight 0	_ Dn Weigl	nt <u>U</u>	RT Weight _	0		TOF	que <u>0</u>		Hours	on Motor
OAILY COSTS	_	DAILY	CUM	AFE				DAILY	CUM	AFE
3100100: Permits &			4,419		8100105					
3100110: Staking &							Damages & R	R		
3100200: Location F		6,849	6,849		8100210					
3100220: Secondary					8100230					
3100300: Water We			6 250	<del>                                     </del>			Vater Disposa			
3100320: Mud & Ch 3100400: Drilling Riç			6,359 30,240	1,086,930			Mud Diesel Rig Cleani			
100400. Drilling Rig 100405: Rig Fuel	9		30,240	1,000,930	8100402	0	0			
3100405. Rig Fuel 3100420: Bits & Rea	amers						out Services	1,140	1,140	
3100420. Bits & Rea							a & Hauling	1,140	425	
3100530: Equipmen			710				ole Motor Ren		720	
100532: Solids Cor			7.10		8100535					
100540: Fishing							Casing/Inte		14,378	
100605: Cementing	g Work		50,248		8100610		J		.,	
100700: Logging -					8100705		- Mud			
3100800: Supervision							ring/Evaluat			
100900: Contingen							trative O/H			
3100999: Non Opera							Inspection/			
3200520: Trucking 8							ent Rental			
							ion Casing			
3200605: Cementing 3210620: Wellhead/					Total Cost			7,989	114,767	1,086,930

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 10/10/2013

WELL NAME	THI	<u>REE RIVE</u>	RS 16-32-820		AFE#	13052	<u>0 SPUI</u>	DATE	09/27	7/2013
WELL SITE CONSU	JLTANT	Jess	Peonio	PHONE#			CONTRACT	OR	Capstar	321
TD AT REPORT	(no data)	FOOTAG	iΕ	PRATE	CUN	I. DRLG.	HRS 9.0	DRLG D	DAYS SINCE SI	
ANTICIPATED TD		PRESE	NT OPS	(nothing			GEOLOGI		(Not Sp	ecified)
DAILY MUD LOSS		_			CUM. MU	D LOSS				<b>,</b>
MUD COMPANY:					MUD ENG					
		NEXT	ASING SIZE				FPTH	99	SF S	SSED
LAGI BOI ILOI		_ NEXT O			_ 112/1 0/	TOING D		00	, <u> </u>	
AFE Days vs [ DWOP Days vs [	Depth: Depth:			# LL	AFE Cost /BP Receiv	Vs Depth ed Today	:			_
RECENT CASINGS Surface Conductor	RUN:	<b>Date S</b> 09/26/20 09/21/20	013 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00	<b>Depth FI</b> 1,015 120	T Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH O	UT I-O-D-I	L-B-G-O-R
BIT OPERATIONS: BIT WOB	RPM	GPM	PRESS	HHP	HRS	24hr D	IST 24HR R	OP CUM	HRS CUM DI	IST CUM RO
RECENT MUD MOT # SIZE	ORS: MANUF	=	TYPE	SERIAL NO	Э.	LOBES	DEPTH IN	DEPTH O	UT DATE IN	DATE OUT
MUD MOTOR OPEI # WOB		//GAL	HRS	24hr DIS	T 24	HR ROP	CUM H	RS C	CUM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS		NS I	EW D	DLS Tool Type	e
Conn Gas					Flare S Trip Ga	as	Flare Tri	o		
Litho Shows:					New Sar	iu	10(a) San	J		
SURFACE PUMP/B Pump 1 Liner	HA INFORMA Stroke Le		SPM	ſ	PSI	G	iPM	SPR	5	Slow PSI
Pump 2 Liner	Stroke Le	n	SPM	F	PSI	G	PM	SPR		Slow PSI
Pump 32 Liner	_ Stroke Le	n	SPM _		PSI		PM	SPR		Slow PSI
BHA Makeup Up Weight 0	Dn Weigh	nt <u>0</u>	RT Weight _	0			ngth que0_			on BHA <u>9</u> on Motor <u> </u>
DAILY COSTS	_	DAILY		AFE				DAILY	CUM	AFE
8100100: Permits 8			4,419		8100105					
8100110: Staking &			0.040				Damages & R			
8100200: Location			6,849		8100210					
8100220: Seconda					8100230		llication /ater Disposa			
8100300: Water W 8100320: Mud & C			6.359							
8100320. Midd & C 8100400: Drilling R			30,240	1.086.930	8100402		Mud Diesel			
8100405: Rig Fuel	.''9  -		30,240	1,000,330	8100410					
8100420: Bits & Re	amers						out Services		1,630	
8100510: Testing/I							& Hauling		425	
8100530: Equipme			710				ole Motor Ren		720	
8100532: Solids Co			710		8100535					
8100540: Fishing							Casing/Inte		14,378	
8100605: Cementii	na Work		50,248		8100610				. 1,070	
8100700: Logging			55,240		8100705		- Mud			
Logging										
					ייים יאום	: Fnainee	ring/Evaluat			
8100800: Supervis	ion/Consult					: Enginee				
8100800: Supervis 8100900: Continge	ion/Consult ncies				8100950	: Adminis	trative O/H			
8100800: Supervis 8100900: Continge 8100999: Non Ope	ion/Consult ncies rated IDC				8100950 8200510	: Adminis	trative O/H Inspection/			
8100800: Supervis 8100900: Continge 8100999: Non Ope 8200520: Trucking 8200605: Cementii	ion/Consult ncies rated IDC & Hauling				8100950	: Adminis : Testing/ : Equipme	trative O/H Inspection/ ent Rental			

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 10/15/2013

WELL SITE CONSU TD AT REPORT ANTICIPATED TD _ DAILY MUD LOSS MUD COMPANY: LAST BOP TEST _	(no data)  SURF:	FOOTAG PRESE	NT OPS	PHONE# _ PRATE (nothing		CONTRAC LG. HRS 9.0 GEOLOG SS SURF:	DRLG I	(Not Sp	PUD18
ANTICIPATED TD DAILY MUD LOSS MUD COMPANY:	SURF: _	PRESE	NT OPS	(nothing	recorded)	GEOLOG	GIC SECT.	(Not Sp	
DAILY MUD LOSS THE COMPANY:					recorded) CUM. MUD LO				ecified)
MUD COMPANY:		NEVT			CUM. MUD LO				,
		NEVT	_						
LAST BOP TEST		NEVTO			MUD ENGINE			_	
		NEXIC	ASING SIZE		NEXT CASIN	G DEPTH	S	SE S	SSED
AFE Days vs D DWOP Days vs D	epth: epth:			# LL	AFE Cost Vs D /BP Received T	epth: oday:			_
RECENT CASINGS Surface Conductor	RUN:	<b>Date S</b> 09/26/20 09/21/20	013 8.625	<b>Grade</b> J-55 C-75*	<b>Weight</b> 24.000 109.000	<b>Depth</b> 1,015 120	FIT Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	N DEPTH O	UT I-O-D-I	L-B-G-O-R
BIT WOB	RPM	GPM	PRESS	HHP	HRS 24	hr DIST 24HR	ROP CUM	HRS CUM DI	ST CUM RC
RECENT MUD MOT # SIZE	ORS: MANUF		TYPE	SERIAL NO	O. LOB	ES DEPTH IN	N DEPTH O	UT DATE IN	DATE OU
MUD MOTOR OPER # WOB	RATIONS: REV	GAL	HRS	24hr DIS	T 24HR R	OP CUM	HRS (	CUM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS	NS	EW [	DLS Tool Type	e
GEOLOGY Bk Gas					Flare Sz	Flare T	- Trin		
Conn Gas					Trip Gas _ New Sand _	Total Sa		· ·	
SURFACE PUMP/B	HA INFORMA	TION							
Pump 1 Liner	Stroke Lei		SPM _		PSI	GPM	SPR		Slow PSI
Pump 2 Liner			SPM _		PSI PSI	GPM GPM	SPR SPR		Slow PSI
Pump 32 Liner BHA Makeup	_ Stroke Lei	·	SPM _			Length	SFR		on BHA 9
Up Weight 0	_ Dn Weigh	t <u>0</u>	RT Weight _	0		Torque 0			n Motor _
DAILY COSTS		DAILY	CUM	AFE			DAILY	CUM	AFE
3100100: Permits 8	Fees	DAILI	4,419		8100105: Insu	ırance	DAILI		AI L
3100110: Staking 8					8100120: Sur	face Damages &	R		
3100200: Location	Roads		6,849		8100210: Red	lamation			
3100220: Seconda					8100230: Pit \$				
3100300: Water We	ell				8100310: Wat	ter/Water Dispos	a		
3100320: Mud & Cl	nemicals		6,359			Base Mud Diesel	I		
3100400: Drilling R	ig _		30,240	1,086,930	8100402: Drill	ling Rig Cleani			
3100405: Rig Fuel	L				8100410: Mol				
3100420: Bits & Re						stabout Services	S	1,630	
3100510: Testing/I						cking & Hauling		425	
3100530: Equipme			710			vn Hole Motor Re	en		
3100532: Solids Co	ontrol Equi				8100535: Dire				
3100540: Fishing			F0.046			face Casing/Inte		14,378	
3100605: Cementir			50,248		8100610: P &				
CILIE / LIE L AAAIAA					8100705: Log		. —		
	on/Consult					ineering/Evaluat	<u> </u>		
3100800: Supervisi	noine I						1	1	
3100800: Supervisi 3100900: Continge					8100950: Adn				
3100800: Supervisi 3100900: Continge 3100999: Non Ope	rated IDC				8200510: Tes	ting/Inspection/			
3100700: Logging - 3100800: Supervisi 3100900: Continge 3100999: Non Ope 3200520: Trucking 3200605: Cementir	rated IDC & Hauling					ting/Inspection/ ipment Rental			

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 10/21/2013

ANTICIPATED TD	WELL NAME		KEE KIVE	RS 16-32-820		AFE#	130520		DAIL	09/2	27/2013
ANTICIPATED TD	WELL SITE CONSUI	LTANT			_						
DAILY MUD LOSS   SURF:   DH:   CUM. MUD LOSS   SURF:   DH:	TD AT REPORT	1,045'					DRLG. H	<b>IRS</b> <u>9.0</u>	DRLG	DAYS SINCE	SPUD <u>24</u>
### AFE Cost Vs Depth: ### AFE Cost Vs Depth:	ANTICIPATED TD $\_$		_ PRESEN	NT OPS	at 1			GEOLOGI	C SECT.	(Not S	Specified)
AFE Days vs Depth:  AFE Cost Vs Depth:  AFE A DEPTH IN DEPTH OUT IN DEPTH OU		SURF:		DH:				SURF:		_ DH:	
AFE Days vs Depth:  DWOP Days vs Depth:  # LL/BP Received Today:  ## LL/B Received Today:  ## LL/B Received Today:  ## LL/B Received Today:  ## LL/B Received Today:  ## LL/B Received Today:  ## LL/B Received Today:  ## LL/B Received Today:  ## LL/B Received Today:  ## LL/B Received Today:  ## LL/B Received Today:  ## LL/B Received To											
DVVDP Days vs Deipth:	LAST BOP TEST _		NEXT C	ASING SIZE _		_ NEXT CAS	SING DE	PTH	S	SE	SSED
DVVDP Days vs Deipth:											
Surface   09/26/2013   16.000   1.015   1.01					# LL	AFE Cost V /BP Receive	s Depth: d Today:				<u> </u>
BIT   SIZE   MANUF   TYPE   SERIAL NO.   JETS   TFA   DEPTH IN   DEPTH OUT   I-O-D-L-B-G-O-R	Surface	RUN:	09/26/20	13 8.625	J-55	24.000	1	,015	T Depth	FIT ppg	
RECENT MUD MOTORS:		MANUF	TYPE	SERIAL NO.	JETS	7	ГҒА	DEPTH IN	DEPTH C	0-O-I	)-L-B-G-O-R
# SIZE MANUF TYPE SERIAL NO. LOBES DEPTH IN DEPTH OUT DATE IN DATE OF MUD MOTOR OPERATIONS:		RPM	GPM	PRESS	HHP	HRS	24hr DIS	ST 24HR R	OP CUM	HRS CUMI	DIST CUM RO
# WOB REV/GAL HRS 24hr DIST 24HR ROP CUM HRS CUM DIST CUM ROF SURVEYS Date TMD Incl Azimuth TVD VS NS EW DLS Tool Type    SEOLOGY			=	TYPE	SERIAL NO	O. L	OBES	DEPTH IN	DEPTH C	OUT DATE IN	N DATE OUT
Date   TMD   Incl   Azimuth   TVD   VS   NS   EW   DLS   Tool Type			//GAL	HRS	24hr DIS	T 24H	R ROP	CUM H	RS (	CUM DIST	CUM ROP
Bk Gas		TMD	Incl	Azimuth	TVD	VS	٨	IS I	≣W	DLS Tool Ty	pe
Pump 1 Liner	Bk Gas Conn Gas Litho					Trip Gas				- - -	
Stock   Stoc	Pump 1 Liner Pump 2 Liner Pump 32 Liner BHA Makeup	Stroke Le Stroke Le Stroke Le	n n	SPM _ SPM _	F	PSI	GF GF Leng	PM PM gth	SPR	Hour	Slow PSI Slow PSI Slow PSI Son BHA 9
Saludionary   Saludionary	OAII V COSTS		DVIIA	CUM	ΛEE				DAILA	CUM	ΛEE
Staking & Surveying   Staking & Surveying & Subdition   Staking & Subdition   Subdit   Staking & Subdition   Subdition   Subdition   Subdition   Sub		Fees	DAILI		AI L	8100 105· I	nsurance	۵.	DAILI	00141	
Stop				.,,							
Stop				6,849		8100210: I	Reclamat	tion			
Stock											
30,240   1,086,930   8100402: Drilling Rig Cleani   8100405: Rig Fuel   8100410: Mob/Demob   8100420: Bits & Reamers   8100500: Roustabout Services   1,630   8100530: Equipment Rental   710   8100531: Down Hole Motor Ren   8100532: Solids Control Equi   8100532: Directional Drillin   8100540: Fishing   8100605: Cementing Work   8100605: Cementing Work   8100605: Cementing Work   8100605: Logging - Openhole   8100705: Logging - Mud   8100900: Contingencies   8100900: Contingencies   8100950: Administrative O/H   8100950: Administrative O/H   8200520: Trucking & Hauling   8200530: Equipment Rental   8200530: Equipm											
Stock					4 000 000						
Strong   S		9  -		30,240	1,086,930						
Stock				+						1.620	
100530: Equipment Rental   710   8100531: Down Hole Motor Ren   8100532: Solids Control Equi   8100535: Directional Drillin   8100540: Fishing   8100600: Surface Casing/Inte   14,378   8100605: Cementing Work   50,248   8100610: P & A   8100705: Logging - Mud   8100705: Logging - Mud   8100800: Supervision/Consult   8100810: Engineering/Evaluat   8100810: Engineering/Evaluat   8100990: Contingencies   8100995: Administrative O/H   8200510: Testing/Inspection/   8200530: Equipment Rental   8200530: Equipment Rental   8200530: Equipment Rental   8300530: Equip											
Stop				710						423	
Stop				710							
Stock		or Equi								14.378	
Stock		g Work		50.248						1 1,070	
8100800: Supervision/Consult   8100810: Engineering/Evaluat   8100900: Contingencies   8100950: Administrative O/H   8100999: Non Operated IDC   8200510: Testing/Inspection/   8200530: Equipment Rental   8100990: Administrative O/H   8200530: Equipment Rental   8200530: Equipment Rental   8300990: Administrative O/H   8200530: Equipment Rental   8300990: Administrative O/H   830099								· Mud			
8100900: Contingencies   8100950: Administrative O/H   8100999: Non Operated IDC   8200510: Testing/Inspection/   8200520: Trucking & Hauling   8200530: Equipment Rental											
3200520: Trucking & Hauling											
3200520: Trucking & Hauling	3100999: Non Oper	ated IDC									
2000 005 0 11 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3200520: Trucking 8	& Hauling									
3200605: Cementing Work 8210600: Production Casing							Productio	n Casing			
3210620: Wellhead/Casing Hea	3210620: Wellhead/	Casing Hea L		8,672		Total Cost				123,930	1,086,930

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 10/22/2013

WELL NAME WELL SITE CONSULTA TD AT REPORT1,0	NT	REE RIVER Jess P FOOTAGE		PHONE# _ PRATE	AFE# _		CONTRA	DRLG	Capsta SINCE S	
ANTICIPATED TD DAILY MUD LOSS SU MUD COMPANY:	JRF: _	PRESENT	T OPS DH: _	at ^	1,045' CUM. MU MUD ENG	D LOSS	GEOLO SURF:	GIC SECT.	(Not S <b>DH</b> :	pecified)
		NEXT CA	SING SIZE _				EPTH		SSE	SSED
AFE Days vs Depth DWOP Days vs Depth	i:			# LL	AFE Cost /BP Receiv	Vs Depth red Today	n: /:			_
FUEL AND WATER USA Fluid Fuel Gas Fresh Well Water Nano Water Frac Water Reserve Pit Water Boiler Hours Air Heater Hours Urea Urea Sys 1 Hrs Urea Sys 2 Hrs Urea Sys 3 Hrs	AGE		Used	Received Tr	ransferred	On Ha	and Cum	i.Used		
RECENT CASINGS RUN Surface Conductor	N:	<b>Date Set</b> 09/26/201 09/21/201	3 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00	<b>Depth</b> 1,015 120	FIT Depth	FIT ppg	
RECENT BITS: BIT SIZE M	MANUF	TYPE S	SERIAL NO.	JETS		TFA	DEPTH I	N DEPTH	OUT I-O-D	-L-B-G-O-R
BIT OPERATIONS: BIT WOB	RPM	GPM	PRESS	HHP	HRS	24hr D	IST 24HR	ROP CUI	M HRS CUM [	DIST CUM ROI
RECENT MUD MOTORS # SIZE	S: MANUF	т	YPE	SERIAL NO	0.	LOBES	DEPTH I	N DEPTH	OUT DATE IN	I DATE OUT
MUD MOTOR OPERATION WOB	ONS: REV	/GAL	HRS	24hr DIS	T 24	HR ROP	CUM	I HRS	CUM DIST	CUM ROP
SURVEYS Date Ti	MD	Incl	Azimuth	TVD	VS		NS	EW	DLS Tool Typ	oe e
GEOLOGY  Bk Gas  Conn Gas  Litho  Shows:					Flare S Trip Ga New Sar	as	Flare Total S	Trip	_	
Pump 2 Liner Pump 32 Liner BHA Makeup	NFORMA Stroke Lei Stroke Lei Stroke Lei Dn Weigh	n n	SPM _ SPM _ SPM _		PSI PSI PSI	G E Ler	GPM GPM GPM ngth que0	SP SP SP	R PR Hour	Slow PSI Slow PSI Slow PSI s on BHA _0 on Motor
DAILY COSTS	_	DAILY	CUM	AFE				DAIL	Y CUM	AFE
8100100: Permits & Fee 8100110: Staking & Sur			4,419		8100105 8100120		ce Damages &	₃ R		
8100200: Location Road	ds [		6,849		8100210	: Reclama	ation			
8100220: Secondary Re 8100300: Water Well	eciamati				8100230 8100310		lification Vater Dispo:	sa ———		
8100320: Mud & Chemi	cals		6,359	1.006.020	8100325	: Oil Base	e Mud Diese			
8100400: Drilling Rig 8100405: Rig Fuel			30,240	1,086,930	8100402		Rig Cleani mob			
8100420: Bits & Reame 8100510: Testing/Inspec							out Service  3 & Hauling		1,630 425	
8100530: Equipment Re	ental		710		8100531	: Down H	ole Motor R		423	
8100532: Solids Control 8100540: Fishing	l Equi				8100535 8100600		nal Drillin Casing/Inte	,	14,378	
8100605: Cementing We			50,248		8100610	: P & A	ŭ		1 1,07 0	
8100700: Logging - Ope 8100800: Supervision/C					8100705 8100810		⊢- Mud ering/Evalua	nt		
8100900: Contingencies	3 _				8100950	: Adminis	trative O/H			
8100999: Non Operated 8200520: Trucking & Ha							Inspection/ ent Rental			
8200605: Cementing We	ork		0.670			: Product	ion Casing		400.000	1.000.000
8210620: Wellhead/Cas	шу пеа ∟		8,672		TOTAL COS	ı			123,930	1,086,930

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 10/30/2013

WELL NAME	TH	REE RIVE	RS 16-32-820		AFE#	13052	<u>:0                                    </u>	D DATE	09/27	7/2013
WELL SITE CONS	JLTANT	Jess	Peonio	_ PHONE#			CONTRACT	OR	Capstar	321
TD AT REPORT _		FOOTAG		PRATE	CUN		HRS 9.0		DAYS SINCE S	PUD <u>33</u>
ANTICIPATED TD		_ PRESE	NT OPS	(nothing	recorded)		GEOLOGI	C SECT.	(Not Sp	ecified)
DAILY MUD LOSS					CUM. MU	D LOSS				
MUD COMPANY:					MUD ENG					
LAST BOP TEST		NEXT C	ASING SIZE _		NEXT C	ASING D	EPTH	SS	SE S	SSED
AFE Days vs DWOP Days vs	Depth:			# LL	AFE Cost /BP Receiv	Vs Depth ed Today	n: /:			_
RECENT CASINGS Surface Conductor	RUN:	<b>Date S</b> 09/26/20 09/21/20	013 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00	<b>Depth</b> FI 1,015 120	T Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH O	UT I-O-D-	L-B-G-O-R
BIT OPERATIONS: BIT WOB	RPM	GPM	PRESS	ННР	HRS	24hr D	IST 24HR R	OP CUM	HRS CUM D	IST CUM RO
RECENT MUD MO # SIZE	TORS: MANUF	=	TYPE	SERIAL NO	Э.	LOBES	DEPTH IN	DEPTH O	UT DATE IN	DATE OU
MUD MOTOR OPE # WOB		//GAL	HRS	24hr DIS	T 24	HR ROP	CUM H	RS (	CUM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS		NS I	EW [	DLS Tool Type	Э
GEOLOGY										
					Flare S	Sz	Flare Tri	р		
Conn Gas					Trip_Ga	as			•	
Litho Shows:					New Sar	nd	Total San	d		
SHOWS.										
SURFACE PUMP/E	<b>SHA INFORMA</b>	TION								
Pump 1 Liner	Stroke Le		SPM _		PSI		PM	SPR		Slow PSI _
Pump 2 Liner	Stroke Le		SPM _		PSI		SPM	SPR	\$	Slow PSI
Pump 32 Liner BHA Makeup	Stroke Le	en	SPM _	'	PSI		SPM ngth	SPR		Slow PSI $\_$ on BHA $\_$ 0
Up Weight	Dn Weigl	ht 0	RT Weight	0			que <u>0</u>			on BHA <u>0</u> on Motor
-			-					DAILV		_
DAILY COSTS 3100100: Permits	8 Fees	DAILY	<b>CUM</b> 4,419	AFE	8100105	· Incuran	20	DAILY	CUM	AFE
3100110: Staking			4,413				Damages & R			
3100200: Location			6,849		8100210					
3100220: Seconda			0,0.0		8100230					
3100300: Water W							Vater Disposa			
3100320: Mud & C			6,359				Mud Diesel			
3100400: Drilling F	Rig		30,240	1,086,930	8100402	: Drilling I	Rig Cleani			
3100405: Rig Fuel					8100410	: Mob/De	mob			
3100420: Bits & R	eamers				8100500	: Roustab	out Services		1,630	
3100510: Testing/	nspection/						g & Hauling		425	
3100530: Equipme			710		8100531	: Down H	ole Motor Ren			
3100532: Solids C	ontrol Equi				8100535					
3100540: Fishing	ļ.						Casing/Inte		14,378	1
3100605: Cementi			50,248		8100610					1
3100700: Logging					8100705					
3100800: Supervis							ering/Evaluat			1
3100900: Continge							trative O/H			-
3100999: Non Ope							Inspection/			-
3200520: Trucking					8200530					1
3200605: Cementi	ng Work d/Casing Hea		8,672		8210600 Total Cost		ion Casing		400 555	4.000.000
								1	123,930	1,086,930

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 10/31/2013

WELL NAME	TH	REE RIVE	RS 16-32-820		AFE#	13052	<u>0 SPUI</u>	DATE	09/27	7/2013
WELL SITE CONS	ULTANT	Jess	Peonio	_ PHONE#			CONTRACT	OR	Capstar	321
TD AT REPORT _	(no data)	FOOTAG	SE	PRATE	CUN		HRS 9.0		AYS SINCE S	PUD34_
ANTICIPATED TD		_ PRESE	NT OPS	(nothing	recorded)		GEOLOGI	C SECT	(Not Sp	ecified)
DAILY MUD LOSS					CUM. MU	D LOSS				
MUD COMPANY:					MUD ENG					
LAST BOP TEST		NEXT C	CASING SIZE _		NEXT C	ASING D	EPTH	SS	E \$	SSED
AFE Days vs DWOP Days vs	Depth: Depth:			# LL	AFE Cost /BP Receiv	Vs Depth ed Today	n: /:			_
RECENT CASINGS Surface Conductor	S RUN:	<b>Date S</b> 09/26/20 09/21/20	013 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00	<b>Depth FI</b> 1,015 120	T Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH OU	JT I-O-D-	L-B-G-O-R
BIT OPERATIONS: BIT WOB	: RPM	GPM	PRESS	ННР	HRS	24hr D	IST 24HR R	OP CUMI	HRS CUM D	IST CUM RO
RECENT MUD MO # SIZE	TORS: MANUF	=	TYPE	SERIAL NO	<b>)</b> .	LOBES	DEPTH IN	DEPTH OL	JT DATE IN	DATE OU
MUD MOTOR OPE # WOB		//GAL	HRS	24hr DIS	T 24	HR ROP	CUM H	RS C	UM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS		NS I	≣W D	LS Tool Type	е
GEOLOGY										
					Flare S	Sz	Flare Tri	)		
Conn Gas					Trip_Ga	as				
Litho Shows:					New Sar	nd	Total San			
SHOWS.										
SURFACE PUMP/E	<b>SHA INFORMA</b>	TION								
Pump 1 Liner	Stroke Le		SPM _		PSI		PM	SPR		Slow PSI
Pump 2 Liner	Stroke Le		SPM _		PSI		SPM	SPR		Slow PSI
Pump 32 Liner BHA Makeup	Stroke Le	en	SPM _	'	PSI		SPM ngth	SPR		Slow PSI on BHA _0
Up Weight(	Dn Weigl	ht 0	RT Weight	0			que <u>0</u>			on Motor
-			· -					5411.1/		_
DAILY COSTS 3100100: Permits	8 E005	DAILY	CUM 4,419	AFE	8100105	· Incuranc	20	DAILY	CUM	AFE
3100110: Staking			4,419				Damages & R			
3100110. Staking			6,849		8100210					
3100220: Seconda			0,010		8100230					
3100300: Water W							/ater Disposa			
3100320: Mud & C			6.359				Mud Diesel			
3100400: Drilling F			30,240	1,086,930	8100402					
3100405: Rig Fuel					8100410					
3100420: Bits & R	eamers				8100500	: Roustab	out Services		1,630	
3100510: Testing/	Inspection/				8100520	: Trucking	g & Hauling	280	705	
3100530: Equipme	ent Rental		710		8100531	: Down H	ole Motor Ren			
3100532: Solids C	ontrol Equi				8100535					
3100540: Fishing	<u> </u>						Casing/Inte		14,378	
3100605: Cementi			50,248		8100610					1
3100700: Logging					8100705				1	
3100800: Supervis							ring/Evaluat			
3100900: Continge							trative O/H			
3100999: Non Ope							Inspection/			-
3200520: Trucking					8200530					-
3200605: Cementi			8,672		8210600 Total Cost		ion Casing	280	124,210	1,086,930
3210620: Wellhea										

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/04/2013

WELL NAME	TH	REE RIVE	RS 16-32-820		AFE#	13052	<u>:0                                    </u>	D DATE	09/2	7/2013
WELL SITE CONS	ULTANT	Jess	Peonio	_ PHONE#			CONTRACT	OR	Capstar	321
TD AT REPORT _		FOOTAG		PRATE	CUN		HRS 9.0		DAYS SINCE S	PUD38
ANTICIPATED TD		_ PRESE	NT OPS	(nothing	recorded)		GEOLOGI	C SECT.	(Not Sp	pecified)
DAILY MUD LOSS					CUM. MU	D LOSS				
MUD COMPANY:					MUD ENG					
LAST BOP TEST		NEXT C	ASING SIZE _		NEXT C	ASING D	EPTH	S	SE	SSED
AFE Days vs DWOP Days vs	Depth: Depth:			# LL	AFE Cost /BP Receiv	Vs Depth ed Today	n:			
RECENT CASINGS Surface Conductor	S RUN:	<b>Date S</b> 09/26/20 09/21/20	013 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00	<b>Depth</b> FI 1,015 120	T Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH C	OUT I-O-D-	-L-B-G-O-R
BIT OPERATIONS: BIT WOB	: RPM	GPM	PRESS	HHP	HRS	24hr D	DIST 24HR R	OP CUM	HRS CUM D	OIST CUM R
RECENT MUD MO # SIZE	TORS: MANUF	=	TYPE	SERIAL NO	Ο.	LOBES	DEPTH IN	DEPTH C	OUT DATE IN	DATE OL
MUD MOTOR OPE # WOB		//GAL	HRS	24hr DIS	T 24	HR ROP	CUM H	RS (	CUM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS		NS I	EW I	DLS Tool Typ	e
GEOLOGY										
Bk Gas					Flare S		Flare Tri	р	_	
					Trip Ga		Tatal Can		_	
Litho Shows:					New Sar	ia	Total San	a	-	
Onows.										
SURFACE PUMP/E						_				
Pump 1 Liner	Stroke Le	_	SPM _		PSI		SPM	SPR		Slow PSI _
Pump 2 Liner Pump 32 Liner	Stroke Le Stroke Le		SPM _ SPM		PSI		SPM SPM	SPR SPR		Slow PSI Slow PSI
Pump 32 Liner BHA Makeup	Slicke Le		SPIVI _				ngth	SFR		s on BHA 0
Up Weight(	Dn Weigl	ht 0	RT Weight	0			rque 0			on Motor
	0		-				. —	5411.14	0.114	
DAILY COSTS 3100100: Permits	& F000	DAILY	<b>CUM</b> 4,419	AFE	8100105	· Incuran	<b>CO</b>	DAILY	CUM	AFE
3100110: Staking			4,419				Damages & R			
3100200: Location			6,849		8100210			`		
8100220: Seconda			0,010		8100230					
8100300: Water W							Vater Disposa			
3100320: Mud & C			6.359				e Mud Diesel			
3100400: Drilling F			30,240	1,086,930			Rig Cleani			
3100405: Rig Fuel					8100410					
3100420: Bits & R							out Services		1,630	
3100510: Testing/	Inspection/				8100520	: Trucking	g & Hauling		1,055	
3100530: Equipme	ent Rental		710		8100531	: Down H	lole Motor Ren			
3100532: Solids C	ontrol Equi				8100535	: Direction	nal Drillin			
3100540: Fishing							Casing/Inte		14,378	
3100605: Cementi			50,248		8100610					
3100700: Logging					8100705					
3100800: Supervis							ering/Evaluat			
3100900: Continge							trative O/H			
8100999: Non Ope							Inspection/			
8200520: Trucking							ent Rental			
									1	1
8200605: Cementi 8210620: Wellhea			8,672		8210600 Total Cost		ion Casing		124,560	1,086,930

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/05/2013

WELL NAME	THE	REE RIVE	RS 16-32-820		AFE#	13052	<u>:0</u> SPU	D DATE _	09/27	<u>//2013</u>
WELL SITE CONSUL			Peonio	PHONE#			CONTRACT		Capstar	321
TD AT REPORT(I				PRATE	CUN	I. DRLG.	HRS 9.0	DRLG DA	YS SINCE SE	PUD39
ANTICIPATED TD		PRESE		(nothing	g recorded)		GEOLOGI	C SECT	(Not Spe	ecified)
	SURF:		DH:		CUM. MU	D LOSS	SURF:		DH:	
MUD COMPANY:					MUD ENG					
AST BOP TEST _		NEXT C	ASING SIZE	_	_ NEXT C	ASING D	EPTH	SSE	s	SED
AFE Days vs De DWOP Days vs De	epth: epth:			# LI	AFE Cost L/BP Receiv	Vs Depth ed Today	n:			_
RECENT CASINGS R Surface Conductor	RUN:	<b>Date S</b> 09/26/20 09/21/20	013 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00	<b>Depth</b> FI 1,015 120	IT Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH OUT	l-O-D-L	B-G-O-R
BIT OPERATIONS: BIT WOB	RPM	GPM	PRESS	HHP	HRS	24hr D	IST 24HR R	OP CUM H	RS CUM DI	ST CUM RO
RECENT MUD MOTO # SIZE	NRS: MANUF	:	TYPE	SERIAL N	O.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
# WOB		/GAL	HRS	24hr DIS	ST 24	HR ROP	CUM H	RS CU	M DIST	CUM ROP
<b>SURVEYS</b> Date	TMD	Incl	Azimuth	TVD	VS		NS	EW DLS	S Tool Type	)
Conn Gas					Flare S Trip Ga New Sar	as	Flare Tri	p		
BURFACE PUMP/BH Pump 1 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight 0	Stroke Le Stroke Le Stroke Le	n n	SPM _ SPM _ SPM _		PSI PSI PSI	G C Ler	GPM GPM GPM ngth que0	SPR SPR SPR	S Hours	ilow PSI ilow PSI ilow PSI on BHA _0 in Motor
DAILY COSTS		DAILY	CUM	AFE				DAILY	CUM	AFE
3100100: Permits & I	Fees		4,419		8100105	: Insurand	ce			
3100110: Staking & \$							Damages & F	₹		
3100200: Location R			6,849		8100210					
100220: Secondary 100300: Water Well					8100230					
3100320: Water Wei			6,359				Vater Disposa Mud Diesel			
3100400: Drilling Rig			30,240	1,086,930			Rig Cleani			
3100405: Rig Fuel	'   T		00,210	1,000,000	8100410		•			
3100420: Bits & Rea	mers						out Services	1,025	2,655	
3100510: Testing/Ins	spection/						g & Hauling		1,055	
100530: Equipment			710		8100531	: Down H	ole Motor Ren	1		
3100532: Solids Con	trol Equi				8100535	: Direction	nal Drillin			
3100540: Fishing							Casing/Inte		14,378	
100605: Cementing			50,248		8100610					
3100700: Logging - (					8100705					
3100800: Supervision							ering/Evaluat			
3100900: Contingend							trative O/H			
3100999: Non Opera							Inspection/			
3200520: Trucking &							ent Rental			
3200605: Cementing			0.670	<del>                                     </del>			ion Casing	1.025	125 505	1 096 020
3210620: Wellhead/0	∠asıng Hea		8,672		Total Cos	τ		1,025	125,585	1,086,930

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/07/2013

WELL NAME	TH	REE RIVE	RS 16-32-820		AFE#	13052	<u>0 SPUI</u>	D DATE	09/27	7/2013
WELL SITE CONS	JLTANT	Jess	Peonio	_ PHONE#			CONTRACT	OR	Capstar	321
TD AT REPORT _	(no data)	FOOTAG	E	PRATE	CUN		HRS 9.0		DAYS SINCE S	PUD41
ANTICIPATED TD		PRESE	NT OPS	(nothing	recorded)		_ GEOLOGI	C SECT	(Not Sp	ecified)
DAILY MUD LOSS					CUM. MU	D LOSS				
MUD COMPANY:					MUD ENG					
LAST BOP TEST		NEXT C	ASING SIZE _		NEXT C	ASING D	EPTH	SS	SE S	SSED
AFE Days vs DWOP Days vs	Depth: Depth:			# LL	AFE Cost /BP Receiv	Vs Depth ed Today	i:			_
RECENT CASINGS Surface Conductor	S RUN:	<b>Date S</b> 09/26/20 09/21/20	013 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00	<b>Depth FI</b> 1,015 120	T Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH O	UT I-O-D-	L-B-G-O-R
BIT OPERATIONS: BIT WOB	RPM	GPM	PRESS	ННР	HRS	24hr D	IST 24HR R	OP CUM	HRS CUM D	IST CUM R
RECENT MUD MO # SIZE	TORS: MANUF	=	TYPE	SERIAL NO	Э.	LOBES	DEPTH IN	DEPTH O	UT DATE IN	DATE OL
MUD MOTOR OPE # WOB		//GAL	HRS	24hr DIS	T 24	HR ROP	CUM H	RS C	CUM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS		NS I	EW D	DLS Tool Type	е
GEOLOGY										
					Flare S		Flare Tri	p		
					Trip Ga New Sar		Total San	<del></del>		
Shows:					ivew Sai	iu	10(a) 3a11	u		
SURFACE PUMP/E			0014		201		-D14	000	,	
Pump 1 Liner	Stroke Le		SPM _		PSI		PM	SPR		Slow PSI
Pump 2 Liner Pump 32 Liner	Stroke Le Stroke Le		SPM _ SPM		PSI		iPM iPM	SPR SPR		Slow PSI Slow PSI
Pump 32 Liner BHA Makeup	Slicke Le		OI W		Ji		ngth	31 10		on BHA 0
Up Weight (	Dn Weigl	nt <u>0</u>	RT Weight _	0			que 0			on Motor
DAILY COSTS	_	DAILY	CUM	AFE				DAILY	CUM	AFE
3100100: Permits	& Fees	DAILI	4,419	AFE	8100105	Insuranc	re.	DAILI	COW	AFE
3100110: Staking			1,110				Damages & R			
3100200: Location			6,849		8100210					
3100220: Seconda	arv Reclamati				8100230					
3100300: Water W					8100310	: Water/W	/ater Disposa			
3100320: Mud & C			6,359				Mud Diesel			
3100400: Drilling F	Rig		30,240	1,086,930	8100402	: Drilling F	Rig Cleani			
3100405: Rig Fuel					8100410	: Mob/De	mob			
3100420: Bits & R					8100500	: Roustab	out Services		2,655	
3100510: Testing/							g & Hauling		1,965	
3100530: Equipme			710				ole Motor Ren			
3100532: Solids C	ontrol Equi				8100535					1
3100540: Fishing							Casing/Inte		14,378	-
3100605: Cementi			50,248		8100610					1
3100700: Logging					8100705					-
3100800: Supervis							ring/Evaluat			-
3100900: Continge							trative O/H			-
3100999: Non Ope							Inspection/			-
3200520: Trucking					8200530					-
3200605: Cementi					8210600		on Casing		126,495	1,086,930
3210620: Wellhea	d/Caain = 11= - 1		8,672		Total Cost					

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/10/2013

WELL SITE CONS		KEE KIVE	RS 16-32-820		AFE#	13052	<u>20</u> 5PUL	DATE	09/27	7/2013
	SULTANT	Jess	Peonio	PHONE#			CONTRACT		Capstar	321
TD AT REPORT									DAYS SINCE SI	PUD <u>44</u>
ANTICIPATED TO		_		(nothing						ecified)
DAILY MUD LOS	_				CUM. MU		SURF:		_ DH:	
MUD COMPANY:		NEVT 6			MUD ENG					
LAST BOP TEST		NEXT	ASING SIZE _		_ NEXT C	ASING D	ЕРТН	58	SE S	SSED
AFE Days vs DWOP Days vs	s Depth:s Depth:			# LL	AFE Cost /BP Receiv	Vs Deptl ed Toda	n: y:			 _
RECENT CASING Surface Conductor	SS RUN:	<b>Date S</b> 09/26/20 09/21/20	Set         Size           013         8.625           013         16.000	J-55	<b>Weig</b> 24.0 109.0	00	<b>Depth</b> FI 1,015 120	T Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH O	UT I-O-D-I	B-G-O-R
BIT OPERATIONS BIT WOB	S: RPM	GPM	PRESS	ННР	HRS	24hr 🗅	DIST 24HR R	OP CUM	HRS CUM D	ST CUM RO
RECENT MUD MO # SIZE	OTORS: MANUF		TYPE	SERIAL N	O.	LOBES	DEPTH IN	DEPTH O	UT DATE IN	DATE OUT
MUD MOTOR OP	ERATIONS:									
# WO	B REV	/GAL	HRS	24hr DIS	T 24	HR ROP	CUM H	RS C	CUM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS		NS I	≣W □	DLS Tool Type	<b>)</b>
GEOLOGY										
					Flare		Flare Tri <sub>l</sub>	o		
Conn Gas Litho				<del></del>	Trip Ga New Sai		Total San	1		
Shows:					11011 001		rotar oan			
SURFACE PUMP	/RHA INFORMA	TION								
	DITA IN CINIA	n	SPM _		PSI		SPM	SPR		Slow PSI
Pump 1 Liner _	Stroke Lei	·			PSI	_	3PM	SPR		
Pump 1 Liner _ Pump 2 Liner	Stroke Lei	n	SPM _	<u> </u>				CDD		Slow PSI
Pump 1 Liner _ Pump 2 Liner _ Pump 32 Liner _	Stroke Lei	n	SPM _ SPM _	<u> </u>	PSI		SPM	SPR	—— Hours	Slow PSI
Pump 1 Liner _ Pump 2 Liner _ Pump 32 Liner _ BHA Makeup	Stroke Le	n				( Le		SPR	Hours	Slow PSI
Pump 1 Liner _ Pump 2 Liner _ Pump 32 Liner _ BHA Makeup _ Up Weight _	Stroke Le	n	SPM _ RT Weight _			( Le	SPM ngth	SPR DAILY	Hours Hours o	Slow PSI Slow PSI on BHA <u>0</u>
Pump 1 Liner Pump 2 Liner BHA Makeup Up Weight DAILY COSTS	Stroke Let Stroke Let O Dn Weight S & Fees	n n nt0	SPM _ RT Weight _	0	PSI	Le To	SPM ngth rque0	DAILY	Hours Hours o	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner BHA Makeup Up Weight DAILY COSTS 3100100: Permits 3100110: Staking	Stroke Lei Stroke Lei  Dn Weigh  S & Fees  G & Surveying	t 0  DAILY	RT Weight _ CUM 4,419	0	8100105 8100120	Le To : Insuran : Surface	GPM ngth rque0 ce Damages & R	DAILY	Hours Hours o	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight DAILY COSTS 8100100: Permitt 3100100: Staking 3100200: Locatic	Stroke Let Stroke Let On Weight S & Fees G & Surveying on Roads	t 0  DAILY	SPM	0 AFE	8100105 8100120 8100210	Le To :: Insuran :: Surface :: Reclam	orgth orgue ce Damages & R	DAILY	Hours Hours o	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 32 Liner Pump 32 Liner BHA Makeup Up Weight Published 100100: Permits 100100: Staking 100200: Locatios 100220: Second	Stroke Let Stroke Let On Weight S & Fees On Roads Charge Page 2 Stroke Let On Weight S & Fees On Roads Charge Reclamatic	t 0  DAILY	RT Weight _ CUM 4,419	0 AFE	8100105 8100120 8100210 8100230	Le To :: Insuran :: Surface :: Reclam :: Pit Solid	ce Damages & Ration	DAILY	Hours Hours o	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 32 Liner Pump 32 Liner BHA Makeup Up Weight DAILY COSTS 3100100: Permits 3100200: Locatic 3100220: Second 3100300: Water	Stroke Lei Stroke Lei  O Dn Weigh  S & Fees g & Surveying on Roads dary Reclamati Well	t 0  DAILY	SPM RT Weight CUM	0 AFE	8100105 8100120 8100210 8100230 8100310	Le To i: Insuran i: Surface i: Reclam i: Pit Solid i: Water/V	ce Damages & Ration Vater Disposa	DAILY	Hours Hours o	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 32 Liner Pump 32 Liner BHA Makeup Up Weight Pup  Stroke Lei Stroke Lei  Dn Weigh  S & Fees  G & Surveying  on Roads dary Reclamati  Well Chemicals	t 0  DAILY	SPM	AFE	8100105 8100120 8100210 8100230 8100310 8100325	: Insuran : Surface : Reclam : Pit Solic : Water/V : Oil Base	ce Damages & Ration diffication Vater Disposa e Mud Diesel	DAILY	Hours Hours o	Slow PSI Slow PSI on BHA on Motor	
Pump 1 Liner Pump 2 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight DAILY COSTS 100100: Permits 100200: Location 100200: Second 100300: Water 100320: Mud & 100320: Mud & 100300: Drilling 100400: Drilling	Stroke Lei Stroke Lei  Dn Weigh  S & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig	t 0  DAILY	SPM RT Weight CUM	0 AFE	8100105 8100120 8100210 8100230 8100310 8100325	Le To  i: Insuran i: Surface i: Reclam i: Pit Solid i: Water/V i: Oil Base i: Drilling	ce Damages & R ation Vater Disposa e Mud Diesel Rig Cleani	DAILY	Hours Hours o	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 32 Liner Pump 32 Liner BHA Makeup Up Weight Published Staking S100100: Permitt S100100: Staking S100200: Locatic S100200: Second S100320: Mud & S100320: Mud & S100400: Drilling S100405: Rig Fu	Stroke Lei Stroke Lei  O Dn Weigh  s & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig el	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100120 8100210 8100230 8100310 8100325 8100402 8100410	: Insuran : Surface : Reclam : Pit Solid : Water/V : Oil Base : Drilling : Mob/De	ce Damages & R ation Vater Disposa e Mud Diesel Rig Cleani	DAILY	Hours Hours o	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight Published Pu	Stroke Lei Stroke Lei  O Dn Weigh  s & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig el Reamers g/Inspection/	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100120 8100210 8100230 8100310 8100325 8100410 8100500 8100500	Le Toil Insuran Surface Reclam Pit Solid Water/V Oil Basd Drilling Mob/De Roustal	ce Damages & R ation dification Vater Disposa e Mud Diesel Rig Cleani emob cout Services g & Hauling	DAILY	Hours C	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight Published Pu	Stroke Lei Stroke Lei  O Dn Weigh  s & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig el Reamers g/Inspection/ nent Rental	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100120 8100210 8100230 8100310 8100325 8100410 8100500 8100500 8100531	Le Tor Le Tor Le Tor Le Tor Le Tor Le Le Le Le Le Le Le Le Le Le Le Le Le	ce Damages & R ation diffication Vater Disposa e Mud Diesel Rig Cleani emob cout Services g & Hauling dole Motor Ren	DAILY	Hours of CUM	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight DAILY COSTS 3100100: Permits 3100200: Locatic 3100200: Second 3100300: Water 3100405: Rig Fu 3100405: Rig Fu 3100420: Bits & 13100420: Bits & 13100530: Equipn 3100532: Solids	Stroke Lei Stroke Lei  O Dn Weigh  S & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig el Reamers g/lnspection/ nent Rental Control Equi	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100210 8100210 8100230 8100310 8100325 8100402 8100500 8100520 8100531 8100531	Le Tor Le	ce Damages & R ation dification Vater Disposa e Mud Diesel Rig Cleani emob boout Services g & Hauling lole Motor Ren nal Drillin	DAILY	2,655 1,965	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight Published Pump 32 Liner Pump 32 Liner Pump 32 Liner Pump 32 Liner Pump 3100100: Permitt 3100200: Locatic 3100200: Second 3100300: Water 3100320: Mud & 3100405: Rig Fump 3100400: Bits & 13100400: Bits & 13100400: Bits & 13100400: Testing 3100530: Equipm 3100530: Equipm 3100532: Solids 3100540: Fishing 31005	Stroke Lei Stroke Lei  O Dn Weigh  S & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig el Reamers g/Inspection/ nent Rental Control Equi	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100210 8100210 8100230 8100310 8100325 8100402 8100500 8100520 8100533 8100535 8100600	Le Tor Le	ce Damages & R ation diffication Vater Disposa e Mud Diesel Rig Cleani emob cout Services g & Hauling dole Motor Ren	DAILY	Hours of CUM	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 2 Liner Pump 32 0100: Permitt 3100200: Docatio 3100200: Second 3100300: Water 3100300: Mud & 3100420: Bits & Is	Stroke Lei Stroke Lei  O Dn Weigh  S & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig el Reamers g/Inspection/ nent Rental Control Equi	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100120 8100230 8100230 8100310 8100325 8100402 8100500 8100535 8100535 8100600	i: Insuran i: Surface i: Reclam i: Pit Solid i: Water/V i: Oil Bass i: Drilling i: Mob/De i: Roustal i: Truckin i: Directio i: Surface i: Surface	ce Damages & R ation diffication Vater Disposa e Mud Diesel Rig Cleani emob bout Services g & Hauling tole Motor Ren nal Drillin Casing/Inte	DAILY	2,655 1,965	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 2 Liner Pump 32 Liner Pump 4 Pump	Stroke Lei Stroke Lei  O Dn Weigh  S & Fees  G & Surveying  on Roads  dary Reclamati  Well  Chemicals  Rig  el  Reamers  g/Inspection/  nent Rental  Control Equi  J  iting Work  g - Openhole	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100120 8100210 8100230 8100325 8100402 8100500 8100535 8100600 8100600 8100610	Le Toil Le Toi	ce Damages & R ation diffication Vater Disposa e Mud Diesel Rig Cleani emob cout Services g & Hauling lole Motor Ren nal Drillin Casing/Inte	DAILY	2,655 1,965	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 2 Liner Pump 32 Liner BHA Makeup Up Weight DAILY COSTS 3100100: Permits 3100100: Staking 3100200: Locatic 3100320: Mud & 3100320: Mud & 3100400: Drilling 3100405: Rig Fu 3100530: Equipn 3100530: Equipn 3100530: Equipn 3100540: Fishing 3100540: Fishing 3100540: Sidids 3100540: Cemer 3100700: Loggin 3100800: Superv	Stroke Lei Stroke Lei O Dn Weigh S & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig el Reamers g/Inspection/ nent Rental Control Equi on Initing Work g - Openhole vision/Consult	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100120 8100210 8100230 8100310 8100325 8100402 8100500 8100535 8100535 8100610 8100610 8100610	E Insuran Surface Reclam Properties Reclam Properties Reclam Reclam Reclam Reclam Reclam Reclam Reclam Reclam Reclam Reclam Reclam Rob/De Roustal Truckin Down H Directio Surface Reclam	ce Damages & Ration diffication Vater Disposa e Mud Diesel Rig Cleani emob cout Services g & Hauling lole Motor Ren nal Drillin c Casing/Inte	DAILY	2,655 1,965	Slow PSI Slow PSI on BHA _0 on Motor
Pump 1 Liner	Stroke Lei Stroke Lei Stroke Lei  D Dn Weigh  S & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig el Reamers g/Inspection/ nent Rental Control Equi onting Work g - Openhole ision/Consult gencies	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100210 8100210 8100230 8100310 8100325 8100402 8100500 8100531 8100535 8100610 8100705 8100810 8100950	Le Toil Insuran Surface Reclam Price Price Price Roustal Trucking Down H Directio Surface Surface Le Gaging Le Logging Le Adminis	ce Damages & Ration diffication Vater Disposa e Mud Diesel Rig Cleani mob cout Services g & Hauling lole Motor Ren nal Drillin Casing/Inte	DAILY	2,655 1,965	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner Pump 2 Liner Pump 2 Liner Pump 32 Liner Pump 32 Liner BHA Makeup Up Weight Pup Weight	Stroke Lei Stroke Lei Stroke Lei  D Dn Weigh  S & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig el Reamers g/Inspection/ nent Rental Control Equi gright g	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100120 8100210 8100230 8100310 8100325 8100410 8100500 8100535 8100630 8100610 8100610 8100810 8100810	Le Toi Le	ce Damages & R ation dification Vater Disposa e Mud Diesel Rig Cleani mob cout Services g & Hauling lole Motor Ren nal Drillin Casing/Inte g - Mud ering/Evaluat strative O/H /Inspection/	DAILY	2,655 1,965	Slow PSI Slow PSI on BHA on Motor
Pump 1 Liner _	Stroke Lei Stroke Lei O Dn Weigh  S & Fees g & Surveying on Roads dary Reclamati Well Chemicals Rig el Reamers g/Inspection/ nent Rental Control Equi of iting Work g - Openhole rigision/Consult gencies berated IDC ong & Hauling	t 0  DAILY	SPM RT Weight CUM	AFE	8100105 8100120 8100210 8100230 8100310 8100325 8100410 8100500 8100535 8100600 8100600 8100705 8100810 8100810 8100950 8200510	Le Toi Le	ce Damages & Ration diffication Vater Disposa e Mud Diesel Rig Cleani mob cout Services g & Hauling lole Motor Ren nal Drillin Casing/Inte	DAILY	2,655 1,965	Slow PSI Slow PSI on BHA on Motor

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/11/2013

WELL NAME	TH	<u>IREE RIVE</u>	RS 16-32-820		AFE#	13052	<u>0 SPUI</u>	DATE	09/27	7/2013
WELL SITE CONS	ULTANT	Jess	Peonio	_ PHONE#			CONTRACT	OR	Capstar	321
TD AT REPORT _	(no data)	FOOTAG	E	PRATE	CUN		HRS 9.0		DAYS SINCE S	PUD45_
ANTICIPATED TD		PRESE	NT OPS	(nothing	recorded)		GEOLOGI	C SECT.	(Not Sp	ecified)
DAILY MUD LOSS					CUM. MU	D LOSS				
MUD COMPANY:					MUD ENG					
LAST BOP TEST		NEXT C	ASING SIZE		NEXT C	ASING DI	EPTH	S	SE S	SSED
AFE Days vs DWOP Days vs	Depth: Depth:			# LL	AFE Cost /BP Receiv	Vs Depth ed Today	n: v:			_
RECENT CASINGS Surface Conductor	S RUN:	<b>Date S</b> 09/26/20 09/21/20	013 8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00	<b>Depth</b> FI 1,015 120	T Depth	FIT ppg	
RECENT BITS: BIT SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH O	UT I-O-D-	L-B-G-O-R
BIT WOB	RPM	GPM	PRESS	ННР	HRS	24hr D	IST 24HR R	OP CUM	HRS CUM D	IST CUM RO
RECENT MUD MO # SIZE	TORS: MANUF	F	TYPE	SERIAL NO	Э.	LOBES	DEPTH IN	DEPTH O	UT DATE IN	DATE OU
MUD MOTOR OPE # WOB		//GAL	HRS	24hr DIS	T 24l	HR ROP	CUM H	RS (	CUM DIST	CUM ROP
SURVEYS Date	TMD	Incl	Azimuth	TVD	VS		NS I	EW [	DLS Tool Type	е
GEOLOGY										
					Flare S	Sz	Flare Tri	0		
Conn Gas					Trip_Ga	as			-	
Litho Shows:					New Sar	ıd	Total San	d		
SHOWS.										
SURFACE PUMP/E	BHA INFORMA	ATION								
Pump 1 Liner	Stroke Le		SPM _		PSI		PM	SPR		Slow PSI
Pump 2 Liner	Stroke Le		SPM _		PSI		SPM	SPR	\$	Slow PSI
Pump 32 Liner BHA Makeup	Stroke Le	en	SPM _	'	PSI		SPM ngth	SPR		Slow PSI on BHA _0
Up Weight(	Dn Weigl	ht 0	RT Weight	0			que <u>0</u>			on Motor
-			-					5411.1/		
DAILY COSTS 3100100: Permits	8 E000	DAILY	<b>CUM</b> 4,419	AFE	8100105	· Incuranc	20	DAILY	CUM	AFE
3100110: Staking			4,419				Damages & R			
3100110. Ctaking			6,849		8100210			1		
3100220: Seconda			0,010		8100230					
3100300: Water W							/ater Disposa			
3100320: Mud & C			6.359				Mud Diesel			
3100400: Drilling F			30,240	1,086,930	8100402					
3100405: Rig Fuel	•				8100410					
3100420: Bits & R	eamers				8100500	: Roustab	out Services		2,655	
3100510: Testing/					8100520	: Trucking	g & Hauling		1,965	
3100530: Equipme		1,114	1,823				ole Motor Ren			
3100532: Solids C	ontrol Equi				8100535					
3100540: Fishing							Casing/Inte		16,435	
3100605: Cement			50,248		8100610					
3100700: Logging					8100705					
3100800: Supervis							ring/Evaluat			
3100900: Conting							trative O/H			-
3100999: Non Ope							Inspection/			
3200520: Trucking					8200530					
3200605: Cement 3210620: Wellhea			8,672		Total Cost		ion Casing	1,114	129,665	1,086,930

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/12/2013

WELL NAME		ERS 16-32-820		AFE# 13052		DAIE	09/27/20	13
WELL SITE CONSULTANT		s Peonio	PHONE#		CONTRACT		Capstar 321	
TD AT REPORT1,348	E FOOTAG	<b>303</b> '	PRATE	CUM. DRLG.	. <b>HRS</b> <u>9.0</u>	DRLG DAY	S SINCE SPUD	<b>)</b> 46
ANTICIPATED TD	PRESE	NT OPS	02 - Drilli	ng at 1,348'	GEOLOGIC	SECT.	(Not Specif	ied)
DAILY MUD LOSS SURF	F:	DH:		CUM. MUD LOSS	SURF:		DH:	
MUD COMPANY:				<b>MUD ENGINEER:</b>				
LAST BOP TEST	NEXT (	CASING SIZE		_ NEXT CASING D	EPTH	SSE	SSE	D
		_						
AFE Days vs Depth: DWOP Days vs Depth:			# LI	AFE Cost Vs Deptl /BP Received Today	n: y:			
RECENT CASINGS RUN:	Date S	Set Size	Grade	Woight	Depth FI	C Donth El	Tnna	
Surface	09/26/2		J-55	<b>Weight</b> 24.000	1,015	ΓDepth FI	T ppg	
Conductor	09/21/2			109.000	120			
RECENT BITS: BIT SIZE MA	NUF TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-	-G-O-R
BIT OPERATIONS:								
BIT WOB RP	PM GPM	PRESS	HHP	HRS 24hr D	DIST 24HR RO	OP CUM HRS	S CUM DIST	CUM ROP
RECENT MUD MOTORS:	448111	TVDE	CEDIAL N	0 10050	DEDTILIN	DEDTH OUT	DATEIN	
# SIZE N	MANUF	TYPE	SERIAL N	O. LOBES	DEPTHIN	DEPTH OUT	DATE IN	DATE OUT
MUD MOTOR OPERATION	ıs·							
# WOB	REV/GAL	HRS	24hr DIS	T 24HR ROP	CUM HF	RS CUM	DIST C	UM ROP
-								
SURVEYS								
Date TMD	) Incl	Azimuth	TVD	VS	NS E	W DLS	Tool Type	
GEOLOGY								
				Flare Sz	Flare Trip	)		
0 0				Trip Gas				
Litho				New Sand	Total Sand			
Shows:								
SURFACE PUMP/BHA INF	ODMATION							
	oke Len	SPM		PSI	3PM	SPR	Slow	PSI
	oke Len	SPM			SPM	SPR _		PSI —
	oke Len	SPM			SPM	SPR	Slow	PSI _
BHA Makeup				Le	ngth		Hours on	
Up Weight <u>0</u> Dn	Weight <u>0</u>	RT Weight _	0	Toi	rque 0		Hours on M	lotor
DAILY COSTS	DAILY	CUM	AFE			DAILY	CUM	AFE
8100100: Permits & Fees	DAILI	4,419	AFE	8100105: Insuran	00	DAILI	COIVI	AFE
8100110: Staking & Survey	vina	4,413		8100120: Surface				
8100200: Location Roads	y"'9	6,849		8100210: Reclam				
8100220: Secondary Recla	amati	0,040		8100230: Pit Solid	1			
8100300: Water Well				8100310: Water/V				
8100320: Mud & Chemical	s 21,940	6 28,305		8100325: Oil Base				
8100400: Drilling Rig	106,77		1,086,930	8100402: Drilling				
8100405: Rig Fuel	10,09		1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	8100410: Mob/De				
8100420: Bits & Reamers		-,		8100500: Roustal	1		2,655	
8100510: Testing/Inspection	on/			8100520: Trucking	g & Hauling		1,965	
8100530: Equipment Renta	al 3,18	5,011		8100531: Down H				
8100532: Solids Control Ed	qui			8100535: Directio	nal Drillin			
8100540: Fishing				8100600: Surface	Casing/Inte		16,435	
8100605: Cementing Work		50,248		8100610: P & A	-			
8100700: Logging - Openh				8100705: Logging	g - Mud 🏻 📗			
8100800: Supervision/Con				8100810: Engine	ering/Evaluat			
8100900: Contingencies				8100950: Adminis				
8100999: Non Operated ID				8200510: Testing/				
8200520: Trucking & Hauli	ng			8200530: Equipm				
8200605: Cementing Work				8210600: Product	tion Casing			
8210620: Wellhead/Casing	g Hea L	8,672		Total Cost	l	142,004	271,669 1,0	086,930

# ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/13/2013

WELL	NAME	THE	REE RIVER	S 16-32-820		AFE#	130520	SPU	D DATE	09/27	7/2013
	SITE CONSUL		Jess F		PHONE#			CONTRACT		Capstar	
	REPORT	1,348'	FOOTAGE		PRATE			RS <u>9.0</u>	_	DAYS SINCE SI	
	CIPATED TD _ Y MUD LOSS	SURF:	PRESEN 0	DH:	02 - Driiii 0	ing at 1,348' CUM. MU		GEOLOGI SURF:	C SECT.	(Not Sp <b>DH</b> :	ecifiea)
	COMPANY:	30KI		DI1		MUD ENG		JUNI.			
	BOP TEST _		NEXT CA	SING SIZE				PTH	S	SE S	SSED
	AFE Days vs De VOP Days vs De	epth: epth:			# LL	AFE Cost _/BP Receiv	Vs Depth: ed Today:				
	AND WATER I Fluid Fuel Gas Fresh Well Water Nano Water Frac Water Reserve Pit Water Boiler Hours Air Heater Hours Urea Urea Sys 1 Hrs Urea Sys 2 Hrs	er ter		Used	Received Ti	ransferred	On Hand	d Cum.U	sed		
	Urea Sys 3 Hrs										
RECE Surfac Condu		RUN:	<b>Date Se</b> 09/26/2010 09/21/2010	8.625	<b>Grade</b> J-55 C-75*	<b>Weig</b> 24.00 109.0	00 1,	epth F 015 120	IT Depth	FIT ppg	
RECE BIT	INT BITS: SIZE	MANUF	TYPE	SERIAL NO.	JETS		TFA	DEPTH IN	DEPTH C	OUT I-O-D-I	L-B-G-O-R
BIT O	PERATIONS: WOB	RPM	GPM	PRESS	ННР	HRS	24hr DIS	T 24HR R	OP CUM	HRS CUM DI	ST CUM ROF
<b>RECE</b> # 1	ENT MUD MOTO SIZE 6.500	DRS: MANUF Excalibe		YPE 0,3.7 s	SERIAL No x65281	O.	LOBES	DEPTH IN 0	DEPTH C	OUT DATE IN 11/13/2013	DATE OUT 3 11/16/2013
<b>MUD</b> # 1	MOTOR OPERA WOB	ATIONS: REV/ 0.0		HRS 81.00	24hr DIS	ST 24	HR ROP	CUM H 81.00		CUM DIST	CUM ROP
SURV	'EYS										
11/	Date 13/2013 13/2013 13/2013	TMD 1,291 1,206 1,163	Incl 4.4 2.5 1.4	Azimuth 345.00 335.60 326.60	TVD 1,291 1,206 1,163	VS 0.0 0.0 0.0	NS 9.98 5.14 3.89	8 -5 4 -3	EW 1 5.15 8.54 2.86	DLS Tool Type 2.3 2.6 2.1	•
			100			Flare S Trip Ga New Sar	as	_ Flare Tri _ Total San		- - -	
Pum Pum Pump BHA U	FACE PUMP/BH p 1 Liner 6.0 p 2 Liner 32 Liner Makeup p Weight 57	Stroke Ler Stroke Ler Stroke Ler	n <u>9.0</u> n	SPM _ SPM _		PSI <u>1,100</u> PSI PSI	GPI GPI Lengt Torqu	M	SPR SPR SPR	R S R Hours	Slow PSI Slow PSI Slow PSI on BHA on Motor
2	# 10	Componen (20) HWDP		OD ID		Weight (	(ft/lb) Seria	al Number		Description	
	COSTS	_	DAILY	CUM	AFE				DAILY	CUM	AFE
	.100: Permits &			4,419			: Insurance	amagos 9 F	, 		
	.110: Staking & .200: Location R			6,849			: Surface Da : Reclamation	amages & F on	\		
	.220: Secondary			3,0.0			: Pit Solidific				
	.300: Water Wel			00.005				ter Disposa			
	.320: Mud & Cho .400: Drilling Ric			28,305 137,015	1,086,930		: Oil Base N : Drilling Rig				
	.405: Rig Fuel	<b>,</b>		10.095	1,080,930		: Mob/Demo				
8100	.420: Bits & Rea			,		8100500	: Roustabou	ut Services		2,655	
	.510: Testing/Ins			F 0 : :			: Trucking 8			1,965	
	.530: Equipmen .532: Solids Cor			5,011			: Down Hole : Directional	e Motor Rer I Drillin			
	.532. Solids Col .540: Fishing	or Equi					: Surface Ca			16,435	
8100	.605: Cementing			50,248		8100610	: P & A	_			
	.700: Logging -						: Logging - I				
	.800: Supervisio .900: Contingen						: Engineerir : Administra				
	.900. Contingen .999: Non Opera						: Testing/Ins				
8200.	.520: Trucking 8	k Hauling	238	238		8200530	: Equipmen	t Rental			
	.605: Cementing			8,672		8210600 Total Cost	: Productior	n Casing	220	9 274 006	1.096.020
o∠ IU	.620: Wellhead/	oasing ⊓ea _		0,0/2		rotar Cost	•		238	8 271,906	1,086,930

#### ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/14/2013

		DAIL	Y DRILL	ING REP	ORT DA	\TE: 1	1/14/2013	3		
WELL NAME		REE RIVERS			AFE#	130520		DATE	09/27/2	
WELL SITE CONSU	LTANT 3,436'	Kenny Bas	2,088'	PHONE#	20 61184	DDI C I	CONTRACTOR 13.0		Capstar 32  /S SINCE SPU	
ANTICIPATED TD	3,430	PRESENT			<u>2.0                                    </u>			SECT.		
DAILY MUD LOSS	SURF:	0	DH:	0	CUM. MUD	LOSS	SURF:	0	DH:	0
MUD COMPANY: LAST BOP TEST _	11/12/2012	NEVT CAS	INC SIZE		MUD ENGI		DTU	995	SS	
LASI BUP IESI _	11/12/2013	_ NEXT CAS	ING SIZE _		NEXICA	SING DE	:FIN	33E	33	ED
TIME BREAKDOWN	DRILLING	G 4.00		NIDDI E	UP B.O.P.	4.0	0	DDECCUDE	TEST B.O.P.	F 00
	REAMING		_		REPAIRS	1.0			TEAR DOWN	5.00
	TRIPPING	G 4.00					<del>.</del>			
DETAILS										
Start End 06:00 11:00	Hrs 05:00	ria down on	d akid to Thro	ee Rivers 16-32	2 920 and ri	a un				
11:00 15:00	04:00	nipple up B	OP			0 ,				
15:00 20:00 20:00 21:00	05:00 01:00	Pick up and	000 psi,pipe,t orient directi	olind, choke ma onal tools	anifold and	valves, 1	500 psi annula	ar		
21:00 23:00 23:00 00:00	02:00 01:00	trip in hole repair rotati								
00:00 01:00	01:00	trip ing tag	cemen @ 920	)'						
01:00 02:00 02:00 06:00	01:00 04:00	drilling ceme Directional	ent and float of drilling f/ 1045	equipment 5'-1348'						
	-		<b>5</b>							
AFE Days vs D	epth:				AFE Cost \	/s Depth:				
DWOP Days vs D	·			# LL/	BP Receive	и годау:				
Fuel and water	USAGE		Used I	Received Tra	nsferred	On Ha	nd Cum.Us	sed		
Fuel Gas										
Fresh Well Wat Nano Water	er									
Frac Water										
Reserve Pit Wa Boiler Hours	iter									
Air Heater Hou	'S									
Urea Urea Sys 1 Hrs										
Urea Sys 2 Hrs Urea Sys 3 Hrs										
RECENT CASINGS		Date Set	Size	Grade	Weigh	t [	Depth FI	ΓDepth F	TT ppg	
Surface Conductor		09/26/2013 09/21/2013	8.625 16.000	J-55 C-75*	24.000 109.00	) .	1,015 120	. Бори	669	
		09/21/2013	10.000	0-75	109.00	U	120			
RECENT BITS: BIT SIZE	MANUF	TYPE SE	RIAL NO.	JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-E	3-G-O-R
BIT OPERATIONS:										
BIT WOB	RPM	GPM	PRESS	HHP	HRS	24hr DI	ST 24HR RO	OP CUM HR	S CUM DIS	CUM ROP
# SIZE	ORS: MANUF	TYI	PE	SERIAL NO	). L	OBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1 6.500	Excalibe	er 9/10,	3.7 s	x65281			0	0	11/13/2013	11/16/2013
MUD MOTOR OPER # WOB		//GAL	HRS	24hr DIST	. 24	R ROP	CUM HF	SS CIII	II DIST (	CUM ROP
# WOB		.00	81.00	24111 1010 1	24⊓	K KUP	81.00		II DIST	JUINI KUP
SURVEYS				_						
Date 11/14/2013	TMD 3,256	Incl 15.3	Azimuth 355.20	TVD 3,164	VS 0.0	563.		EW DLS .18 3.0		
11/14/2013 11/14/2013	3,170 3,085	17.9 20.6	356.10 356.10	3,082 3,001	0.0 0.0	538. 510.	73 -56.	.33 3.2		
	3,000	۷.0	330.10	3,001	0.0	510.	, o -54.	. <del>-</del> -J 2.0		
MUD PROPERTIES Type		Mud Wt	8.4	Alk	i		Sand % _	0.0	(S Lime lb/bbl	0.0
Temp Visc	<u>0</u> 29	Gels 10sec Gels 10min	0	Cl ppn Ca ppn			Solids % _ LGS % _	0.0	Salt bbls LCM ppb	0.0
PV YP	0	рН	0.0	pF	0.0		Oil %	0.0	API WL cc	0.0
O/W Ratio	<u>0</u> Fil	ter Cake/32 ES	0	M WPS		_	Water % _	0.0	HTHP WL cc	0.0
Comments:										
Flaring:	Flare Foo	ot-Minutes _	0	Flared MCF	0.0	Cum. I	Flared MCF	0.0		
GEOLOGY Bk Gas		100			Flare Sz		Flare Trip	)		
					Trip Gas New Sand	3	Total Sand			
Shows:								<u> </u>		
SURFACE PUMP/BI			0014		01 4 4=2	-	DM 446	000	2:	DO!
Pump 1 Liner 6.0 Pump 2 Liner 6.0			SPM <u>1</u> 2 SPM 0	<u>20                                    </u>	SI <u>1,450</u> SI <u>0</u>		PM <u>442</u> PM	SPR _ SPR _		w PSI w PSI
Pump 32 Liner BHA Makeup			SPM _	P	si <u> </u>		PM	SPR _		w PSI
Up Weight 8 <u>5,00</u>	00 Dn Weigh	nt 6 <u>0,00</u> 0 R	Γ Weight 72,	000		Tord	gtn Jue <u>9,800</u>		Hours or Hours on	
BHA MAKEUP:										
# 20	Componer Drill collar			Length 30.55	Weight (f	t/lb) Sei	rial Number	De	scription	
20	Ulli Collai	0.2	oo 2.073	JU.00						

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100100: Permits & Fees		4,419		8100105: Insurance			
8100110: Staking & Surveying				8100120: Surface Damages & R			
8100200: Location Roads	21,181	28,030		8100210: Reclamation			
8100220: Secondary Reclamati	·			8100230: Pit Solidification			
8100300: Water Well				8100310: Water/Water Disposa	293	293	
8100320: Mud & Chemicals		28,305		8100325: Oil Base Mud Diesel			
8100400: Drilling Rig		137,015	1,086,930	8100402: Drilling Rig Cleani			
8100405: Rig Fuel		10,095		8100410: Mob/Demob			
8100420: Bits & Reamers				8100500: Roustabout Services		2,655	
8100510: Testing/Inspection/				8100520: Trucking & Hauling		1,965	
8100530: Equipment Rental	1,998	7,010		8100531: Down Hole Motor Ren			
8100532: Solids Control Equi				8100535: Directional Drillin			
8100540: Fishing				8100600: Surface Casing/Inte		16,435	
8100605: Cementing Work		50,248		8100610: P & A			
8100700: Logging - Openhole				8100705: Logging - Mud			
8100800: Supervision/Consult				8100810: Engineering/Evaluat			
8100900: Contingencies				8100950: Administrative O/H			
8100999: Non Operated IDC				8200510: Testing/Inspection/			
8200520: Trucking & Hauling		238		8200530: Equipment Rental			
8200605: Cementing Work				8210600: Production Casing			
8210620: Wellhead/Casing Hea		8,672		Total Cost	23,472	295,378	1,086,930

### ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/15/2013

		DAIL	Y DRILL	ING REPO	DR I DA	(IE: 11					
WELL SITE CONSU		REE RIVERS			\FE#	130520		D DATE		7/2013	
WELL SITE CONSUI	L <b>TANT</b> 5,357'	Kenny Ba	1,921'	_ PHONE# _ PRATE 40	4 CUM		CONTRACT		Capstar  DAYS SINCE S		9
ANTICIPATED TD _	0,001	_ PRESENT		02 - Drilling				C SECT.		ecified)	
DAILY MUD LOSS	SURF:	0	DH:		CUM. MUD		SURF:	0	_ DH:	0	
MUD COMPANY:	11/12/2012	NEVTCAG	NO CITE		NEXT CA				PE .	SSED	
LAST BOP TEST _	11/12/2013	_ NEXT CAS	SING SIZE _		NEXT CA	SING DEF	- іп	3	) ·	39ED	
TIME BREAKDOWN				510							
	DRILLIN	G <u>47.50</u>		RIG	SERVICE	0.50	<u> </u>				
DETAILS											
Start End 06:00 17:00	Hrs 11:00	Directional	Drlg 1348' to	2497'							
06:00 06:00	00:00	Directional	drlg 3436' to	4462', rig service	e, direction	al drlg 446	62' to 5357'				
17:00 17:30 17:30 06:00	00:30 12:30	Rig Service Directional	e Drlg 2497' to	3436'							
			3								
AFE Days vs D	epth:			,	AFE Cost V	s Depth:					
DWOP Days vs D	epth:			# LL/E	P Receive	d Today:				_	
FUEL AND WATER	USAGE										
Fluid Fuel			Used	Received Tran	nsferred	On Han	d Cum.U	sed			
Gas											
Fresh Well Wat Nano Water	er										
Frac Water											
Reserve Pit Wa Boiler Hours	ter										
Air Heater Hour	S										
Urea Urea Sys 1 Hrs											
Urea Sys 2 Hrs											
Urea Sys 3 Hrs											
RECENT CASINGS I Surface	RUN:	<b>Date Set</b> 09/26/2013	<b>Size</b> 8.625	<b>Grade</b> J-55	<b>Weigh</b> 24.000		<b>epth Fl</b> ,015	IT Depth	FIT ppg		
Conductor		09/21/2013		C-75*	109.000		120				
RECENT BITS:											
BIT SIZE	MANUF	TYPE S	ERIAL NO.	JETS	-	ΓFA	DEPTH IN	DEPTH O	UT I-O-D-	L-B-G-O-R	
BIT OPERATIONS:											
BIT WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIS	ST 24HR R	OP CUM	HRS CUM D	IST CUM F	ROP
RECENT MUD MOTO											
# SIZE 1 6.500	MANUF Excalibe		′PE ,3.7 s	SERIAL NO. x65281	L	OBES	DEPTH IN 0	DEPTH O	UT DATE IN 11/13/201		
		5, 6, 10	,0 0	7,0020			ŭ	· ·	,,	,,	
<b>MUD MOTOR OPER</b> # WOB	REV	//GAL	HRS	24hr DIST	24H	R ROP	CUM H	RS (	CUM DIST	CUM ROP	>
1	0.	.00	81.00				81.00	)			
SURVEYS							_				
Date 11/15/2013	TMD 5,134	Incl 0.5	Azimuth 223.90	TVD 5,033	VS 0.0	N: 695.0			DLS Tool Typ 0.2	е	
11/15/2013	5,049	0.6	211.70	4,948	0.0	695.6	6 -72	2.91	0.4		
11/15/2013	4,964	0.3	209.00	4,863	0.0	696.2	3 -72	2.57	0.4		
MUD PROPERTIES		NA d \ \ / / /	0.0	ΔIIa			Sand %	0.0	VC Lima lh/h	h 00	
Type Temp	70	Mud Wt Gels 10sec	9.2 2	Alk. Cl ppm	1,000	_	Solids %	0.0 0.1	XS Lime lb/b Salt bb	ls 0.0	
Visc PV	<u>31</u> 5	Gels 10min pH	<del>0</del> 8.3	Ca ppm pF	<u>40</u> 0.1	_	LGS % Oil %	0.0	LCM pr API WL		
YP	<u>1</u> Fi	lter Cake/32	2	Mf	6.3	_	Water %	0.9	HTHP WE		
O/W Ratio Comments: DAP	dqq 8. <sup>o</sup>	ES		WPS		_					
	• •	at Minutaa	0	Flored MCF	0.0	Cum F	lored MCE	0.0			
Flaring:	Flare Foo	ot-Minutes _	0	Flared MCF	0.0	Cum. Fi	lared MCF	_0.0_			
GEOLOGY Bk Gas		35			Flare Sz		Flare Tri	n			
Conn Gas		110			Trip Gas	<u> </u>					
Litho Shows:					New Sand		_ Total San	d	-		
	IA INICORES	TION									
SURFACE PUMP/BH Pump 1 Liner 6.0		n 9.0	SPM	<u>0</u> PS	SI O	GP	M 0	SPR	:	Slow PSI	
Pump 2 Liner 6.0	_ Stroke Le	en <u>9.0</u>	SPM 1	<u> 20</u> PS	SI <u>1,900</u>	GP	M 442	SPR		Slow PSI =	
Pump 32 Liner BHA Makeup	_ Stroke Le		SPM _	PS	DI	GP Leng		SPR	Hours	Slow PSI _ on BHA _2	4
Up Weight 140,0	00 Dn Weigl	ht 9 <u>5,00</u> 0 F	RT Weight 115	5 <u>,00</u> 0			ue 1 <u>0,20</u> 0			on Motor _	_
BHA MAKEUP:	_		_ =								
<b>#</b> 30	Componer Monel		<b>D ID</b> 625 2.87		Weight (ft	/lb) Seri	al Number		Description		
	11101101	0.0		_ 00.01							

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100100: Permits & Fees		4,419		8100105: Insurance			
8100110: Staking & Surveying				8100120: Surface Damages & R			
8100200: Location Roads		28,030		8100210: Reclamation			
8100220: Secondary Reclamati				8100230: Pit Solidification			
8100300: Water Well				8100310: Water/Water Disposa	225	518	
8100320: Mud & Chemicals		28,305		8100325: Oil Base Mud Diesel			
8100400: Drilling Rig		137,015	1,086,930	8100402: Drilling Rig Cleani			
8100405: Rig Fuel	10,394	20,490		8100410: Mob/Demob			
8100420: Bits & Reamers				8100500: Roustabout Services	3,517	6,172	
8100510: Testing/Inspection/				8100520: Trucking & Hauling		1,965	
8100530: Equipment Rental		7,010		8100531: Down Hole Motor Ren			
8100532: Solids Control Equi				8100535: Directional Drillin			
8100540: Fishing				8100600: Surface Casing/Inte		16,435	
8100605: Cementing Work		50,248		8100610: P & A			
8100700: Logging - Openhole				8100705: Logging - Mud			
8100800: Supervision/Consult				8100810: Engineering/Evaluat			
8100900: Contingencies				8100950: Administrative O/H			
8100999: Non Operated IDC				8200510: Testing/Inspection/			
8200520: Trucking & Hauling		238		8200530: Equipment Rental			
8200605: Cementing Work				8210600: Production Casing			
8210620: Wellhead/Casing Hea		8,672		Total Cost	14,136	309,514	1,086,930

### ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/16/2013

					ING REPO	אט ואכ	ME: 11	1/16/2013	3		
WELL NAM WELL SITE			REE RIVERS Kenny Ba		PHONE#	AFE#	130520	SPUD CONTRACTO		09/27/2	
TD AT REP		6,594'	FOOTAGE			.0 <b>CUM.</b>				Capstar 32  /S SINCE SPU	
ANTICIPAT			PRESENT		02 - Drilling	g at 6,594'		GEOLOGIC	SECT.		
DAILY MUD		SURF:	0	DH:		CUM. MUD		SURF:	0	DH:	0
MUD COMP		11/12/2013	NEXT CAS	SING SIZE _		MUD ENGI NEXT CA		 РТН	SSE	SS	ED
TIME BREA											
TIME DREA	KDOWN	DRILLING	G <u>47.50</u>		RIG	SERVICE	0.50				
DETAILS											
Start	End	Hrs	<b>.</b>	<b>D.</b> 1. 0.1001.							
06:00 06:00	17:00 06:00	11:00 00:00		Drlg 3436' to drlg 5357' to	6128', rig servic	e, direction	al drlg 612	28' to 6594'.			
17:00	17:30	00:30	Next Day ( Rig Service	Operations: D	rill to TD, wiper	trip, T.O.O.I	H. run ope	n hole logs, r	un 5.5" produ	ction casing	
17:30	06:00	12:30		Drlg 4462' to	5357'						
AFE D DWOP D	ays vs D	epth: epth:			# LL/E	AFE Cost V 3P Receive	s Depth: d Today:				
FUEL AND	-										
Fluid	WAILK	OUAGE		Used	Received Tra	nsferred	On Han	d Cum.Use	ed		
Fuel Gas											
Fresh Nano \	Well Wat Nater	er									
Frac V		·tor									
Boiler	Hours										
Air He Urea	ater Hour	'S									
	Sys 1 Hrs Sys 2 Hrs										
	Sys 2 Hrs										
RECENT CA	ASINGS	RUN:	Date Set		Grade	Weigh			Depth F	TT ppg	
Surface Conductor			09/26/2013 09/21/2013		J-55 C-75*	24.000 109.00		015  20	•		
	TC.		00/21/2010	10.000	0.10	100.00	,	120			
RECENT BI BIT S	IZE	MANUF	TYPE S	ERIAL NO.	JETS	-	ΓFA	DEPTH IN	DEPTH OUT	I-O-D-L-E	3-G-O-R
BIT OPERA	TIONS: WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIS	T 24HR RO	P CUM HR	S CUM DIST	CUM ROP
RECENT M				(DE	OFFIAL NO		0050	DEDTILIN	DEDTU QUE	DATEIN	DATE OUT
	SIZE 5.500	MANUF Excalibe		/PE ,3.7 s	SERIAL NO x65281	. ь	OBES	DEPTH IN I	DEPTH OUT 0		DATE OUT 11/16/2013
MUD MOTO	R OPER	ATIONS:									
# 1	WOB		//GAL .00	HRS 81.00	24hr DIST	24H	R ROP	CUM HR 81.00	S CUI	M DIST (	CUM ROP
SURVEYS		0.	.00	01.00				01.00			
Da		TMD	Incl	Azimuth	TVD	VS	N:		W DLS		
11/16/20 <sup>2</sup> 11/16/20 <sup>2</sup>		6,414 6,329	1.1 1.0	195.20 178.70	6,313 6,228	0.0 0.0	676.1 677.7				
11/16/201	13	6,245	0.9	185.60	6,144	0.0	679.1	0 -77.9	98 0.4	ļ	
MUD PROP	ERTIES ype		Mud Wt	9.2	Alk			Sand %	0.0	KS Lime lb/bbl	0.0
Te	mp	83	Gels 10sec	16	CI ppm	1,400	_	Solids %	0.1	Salt bbls	0.0
`	/isc PV	12	Gels 10min pH	8.2	Ca ppm pF	0.1	_	LGS % _ Oil %	0.0	LCM ppb API WL cc	<u>0.0</u> 11.0
O/W R	YP	21 Fil	Iter Cake/32 ES	2	Mı WPS	f <u>12.8</u>	_	Water %	0.9	HTHP WL cc	0.0
Commen		2.1 ppb	LO		VVI C	·	_				
Flarir	ng:	Flare Foo	ot-Minutes _	0	Flared MCF	0.0	Cum. Fl	ared MCF _	0.0		
GEOLOGY											
Bk Gas Conn Gas						Flare Sz Trip Gas		_ Flare Trip			
Litho	)					New Sand		_ Total Sand			
		HA INFORMA	TION								
Pump 1 Lir	ner 6.0	Stroke Le	n <u>9.0</u>	SPM _	<u>0</u> P:		GP		SPR _		w PSI
Pump 2 Lir Pump 32 Lir	ner <u>6.0</u> ner			SPM _ SPM	1 <u>20                                    </u>	SI <u>1,950</u> SI	GP GP		SPR _ SPR		w PSI w PSI
BHA Make	up	00 Dn Weigh					Leng		_	Hours or Hours on	BHA <u>24</u>
BHA MAKE		_ Dir Worgi	1 <u>20,00</u> 0 1	oigiit i <u>o</u>	<u> </u>		10140	.5 1 <u>5,20</u> 0		i louis off	
#	UF.	Componer		DD ID		Weight (f	/lb) Seri	al Number		escription	
40		Other	6.	500 2.75	3.39				ga	p sub	

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100100: Permits & Fees		4,419		8100105: Insurance			
8100110: Staking & Surveying				8100120: Surface Damages & R			
8100200: Location Roads		28,030		8100210: Reclamation			
8100220: Secondary Reclamati				8100230: Pit Solidification			
8100300: Water Well				8100310: Water/Water Disposa		518	
8100320: Mud & Chemicals		28,305		8100325: Oil Base Mud Diesel			
8100400: Drilling Rig		137,015	1,086,930	8100402: Drilling Rig Cleani			
8100405: Rig Fuel		20,490		8100410: Mob/Demob			
8100420: Bits & Reamers				8100500: Roustabout Services		6,172	
8100510: Testing/Inspection/				8100520: Trucking & Hauling		1,965	
8100530: Equipment Rental		7,010		8100531: Down Hole Motor Ren			
8100532: Solids Control Equi				8100535: Directional Drillin			
8100540: Fishing				8100600: Surface Casing/Inte		16,435	
8100605: Cementing Work		50,248		8100610: P & A			
8100700: Logging - Openhole				8100705: Logging - Mud			
8100800: Supervision/Consult				8100810: Engineering/Evaluat			
8100900: Contingencies				8100950: Administrative O/H			
8100999: Non Operated IDC				8200510: Testing/Inspection/			
8200520: Trucking & Hauling		238		8200530: Equipment Rental			
8200605: Cementing Work				8210600: Production Casing			
8210620: Wellhead/Casing Hea		8,672		Total Cost		309,514	1,086,930

### ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/17/2013

WELL NAM	IF	T⊔		S 16-32-820	LING KE	AFE#	13052	1 1/ 1 <i>1   2</i> 0 1 20 <b>SPU</b> L	O DATE	09/27/	2013
WELL SITE		LTANT	Kenny B	ascom	PHONE	#		CONTRACT	OR	Capstar 3	321
TD AT REP		6,767'	FOOTAGE PRESENT	<u>173'</u> OPS 12	_ <b>PRATE</b> _ 2 - Run Casin			•		AYS SINCE SP (Not Spe	
DAILY MUI	_	SURF:	0	DH:	0 0	CUM. MU			0		0
MUD COMP		11/12/2012	NEVT CA	SING SIZE		MUD EN		EPTH	99	E 9	SED
			_ NEXT CA	SING SIZE		NEXT C	ASING D		33	3	
TIME BREA	KDOWN	DRILLING	G 47.50	)	F	RIG SERVICE	Ξ 0.5	50			
DETAILS				<del></del>							
DETAILS Start	End	Hrs	5								
06:00 06:00	17:00 06:00	11:00 00:00	Directiona	l Drlg 5357' to l drlg 6594' to	6767' TD, wi	iper trip 22 jo	ints (940')	), circulate & co	ondition, trip	out of hole, run	
17:00	17:30	00:30	open hole Rig Servic		s TD 6759'), "	'Run 5.5"" pr	oduction o	asing ( @ 180	0')"		
17:30	06:00	12:30	Directiona	l Drlg 6128' to	o 6594'						
۸۵۵	\ D					<b>AFF 0</b>	· \/a Dansh				
	ays vs D ays vs D	epth:			#1		t Vs Depth ved Today				
FUEL AND	WATER	USAGE									
Fluid Fuel				Used	Received	Transferred	On Ha	and Cum.Us	sed		
Gas Fresh	Well Wat	er									
Nano Frac V	Water										
Reser	ve Pit Wa Hours	iter									
Air He	ater Hou	rs									
	Sys 1 Hrs										
	Sys 2 Hrs Sys 3 Hrs										
RECENT C	ASINGS	RUN:	Date Set	Size	Grade	e Weid	aht	Depth FI	T Depth	FIT ppg	
Production Surface			11/17/201 09/26/201		J-55 J-55	17.0 24.0		6, <b>7</b> 43 1,015	·	110	
Conductor			09/21/201					120			
RECENT B	ITS: SIZE	MANUF	TVDE 9	SERIAL NO.	JETS	2	TFA	DEPTH IN	DEDTH OI	IT LO-D-I	-B-G-O-R
BIT OPERA		WANUF	ITPE S	DERIAL NO.	JETS	•	IFA	DEFININ	DEFINO	J1 1-O-D-L	-b-G-O-K
-	WOB	RPM	GPM	PRESS	HHP	HRS	24hr D	IST 24HR R	OP CUMI	HRS CUM DIS	ST CUM ROP
RECENT M	-		_								
	SIZE 6.500	MANUF Excalibe		YPE ),3.7 s	SERIAL I x6528		LOBES	DEPTH IN 0	DEPTH OU	JT DATE IN 11/13/2013	DATE OUT 11/16/2013
MUD MOTO	OR OPER	ATIONS:									
# 1	WOB		//GAL .00	HRS 81.00	24hr DI	IST 24	HR ROP	CUM HI 81.00		UM DIST	CUM ROP
SURVEYS											
	ate	TMD 6,767	Incl 1.2	Azimuth 195.60	TVD 6,666	VS 0.0		NS E 9.85 -80		LS Tool Type 0.0	
11/17/20	13	6,713	1.2	195.60	6,612	0.0	670	.94 -79	.74 (	0.5	
11/17/20		6,670	1.1	205.30	6,569	0.0	671	.75 -79	.44	0.2	
			Mud Wt	9.5		Alk		Sand %	0.0	XS Lime lb/bb	
	emp Visc		Gels 10sec Gels 10min	<u>12</u> 0	Cl p Ca p	pm 40		Solids % LGS %	0.1	Salt bbls LCM ppt	0.0
	PV YP —	<u>13</u> 17 Fil	pH ter Cake/32	<u>8.0</u> 2		pF <u>0.1</u> Mf 11.		Oil % Water %	0.0	API WÉ co	
O/W R Commer		2 1.9 ppb	ES		W	/PS		-			
Flari		• • •	ot-Minutes	0	Flared MC	CF 0.0	Cum	Flared MCF	0.0		
GEOLOGY	· ·g·	1 1010 1 00	or minates .		r laroa ivic	J. <u> </u>	ou	riaroa mor			
Bk Gas						Flare		Flare Trip	·		
Conn Gas Litho	·					Trip G New Sa		Total Sand	t		
Shov											
Pump 1 Li	ner 6.0	HA INFORMA Stroke Le	n <u>9.0</u>	SPM _	0	PSI <u>0</u>		SPM <u>0</u>	SPR		ow PSI
Pump 2 Li Pump 32 Li				SPM SPM	120	PSI <u>1,950</u> PSI		SPM 442 SPM	SPR SPR		ow PSI ow PSI
BHA Make	eup	00 Dn Weigh	<del></del>	_	<del></del> 88.000		Ler	ngth rque 10,200			on BHA <u>6</u>
BHA MAKE					~		. 31	, <u>,</u> 0			
#		Componer		OD ID			(ft/lb) Se	erial Number		Description	
50		Monel	6.	625 2.8	75 30.54	+					

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100100: Permits & Fees		4,419		8100105: Insurance			
8100110: Staking & Surveying				8100120: Surface Damages & R			
8100200: Location Roads		28,030		8100210: Reclamation			
8100220: Secondary Reclamati				8100230: Pit Solidification			
8100300: Water Well				8100310: Water/Water Disposa		518	
8100320: Mud & Chemicals		28,305		8100325: Oil Base Mud Diesel			
8100400: Drilling Rig		137,015	1,086,930	8100402: Drilling Rig Cleani			
8100405: Rig Fuel	6,943	27,433		8100410: Mob/Demob			
8100420: Bits & Reamers				8100500: Roustabout Services		6,172	
8100510: Testing/Inspection/				8100520: Trucking & Hauling		1,965	
8100530: Equipment Rental	3,634	10,644		8100531: Down Hole Motor Ren			
8100532: Solids Control Equi				8100535: Directional Drillin			
8100540: Fishing				8100600: Surface Casing/Inte		16,435	
8100605: Cementing Work		50,248		8100610: P & A			
8100700: Logging - Openhole				8100705: Logging - Mud			
8100800: Supervision/Consult	8,675	8,675		8100810: Engineering/Evaluat			
8100900: Contingencies				8100950: Administrative O/H			
8100999: Non Operated IDC				8200510: Testing/Inspection/			
8200520: Trucking & Hauling		238		8200530: Equipment Rental			
8200605: Cementing Work				8210600: Production Casing			
8210620: Wellhead/Casing Hea		8,672		Total Cost	19,252	328,766	1,086,930

#### ULTRA RESOURCES, INC. DAILY DRILLING REPORT DATE: 11/18/2013

WELL NAME		REE RIVERS 16-3		A		130520	SPUD	DATE	09/27/20	
WELL SITE CONSUI TD AT REPORT		Kenny Bascom FOOTAGE		HONE# _ ATE 0.0	CUM. E		ONTRACTO S 185.0		Capstar 32 S SINCE SPU	
ANTICIPATED TD _		PRESENT OPS	14 - N	ipple up B.	O.P. at 6,76	67' (	SEOLOGIC	SECT.	(Not Speci	fied)
DAILY MUD LOSS MUD COMPANY:		0 DH:		M	UM. MUD L IUD ENGIN	EER:	SURF: _		DH:	0
LAST BOP TEST _	11/12/2013	NEXT CASING	SIZE	!	NEXT CAS	ING DEPT	н	SSE	SSI	ED
TIME BREAKDOWN CASIN	I NG & CEMENT TRIPPING		COND N	MUD & CIR W	CULATE .	1.00 4.50			DRILLING	29.50
Start         End           06:00         11:30           06:00         06:00	Hrs 05:30 00:00	Directional Drlg	uction casing.	circulate, r	ig up Hallib	urton cem	enters, "cen	nent 5 1/2"" pr	oduction casin	g
11:30 13:30 13:30 14:30 14:30 21:30 21:30 02:00 02:00 06:00	02:00 01:00 07:00 04:30 04:00	bumped plug, flo Wiper trip 22 joir Circulate & cond Trip Out of Hole Run Open Hole Run 5.5" produc	nts (940') lition Logs ( loggers	; TD 6759')		released 1	800 nrs 11/	17/13		
AFE Days vs D DWOP Days vs D	epth: epth:			_ A _ # LL/BI	FE Cost Vs P Received	Depth: _ Today:				
FUEL AND WATER Fluid Fuel Gas Fresh Well Wat Nano Water Frac Water Reserve Pit Wa Boiler Hours Air Heater Hour Urea Urea Sys 1 Hrs Urea Sys 2 Hrs	USAGE er ater			- ved Trans		On Hand	Cum.Use			
Urea Sys 3 Hrs  RECENT CASINGS  Production Surface Conductor		<b>Date Set</b> 11/17/2013 09/26/2013 09/21/2013	<b>Size</b> 5.500 8.625 16.000	<b>Grade</b> J-55 J-55 C-75*	Weight 17.000 24.000 109.000	<b>Dep</b> 6,74 1,01 12	13 15	Depth Fl	Т ррд	
RECENT BITS: BIT SIZE	MANUF	TYPE SERIA	L NO.	JETS	Tf	FA D	EPTH IN [	DEPTH OUT	I-O-D-L-B	-G-O-R
BIT OPERATIONS: BIT WOB	RPM	GPM PF	RESS HI	HP	HRS 2	24hr DIST	24HR RO	P CUM HR	S CUM DIST	CUM RO
RECENT MUD MOTO # SIZE 1 6.500	ORS: MANUF Excalibe			RIAL NO. x65281	LO	BES D	EPTH IN [	DEPTH OUT 0	DATE IN 11/13/2013	DATE OUT 11/16/2013
MUD MOTOR OPER # WOB 1	ATIONS: REV 0.0			4hr DIST	24HR	ROP	CUM HR 81.00	S CUM	DIST C	UM ROP
Date 11/17/2013 11/17/2013 11/17/2013	TMD 6,767 6,713 6,670	Incl Azim 1.2 195 1.2 195 1.1 205	6.60 6,0 6.60 6,0	TVD 666 612 569	VS 0.0 0.0 0.0	NS 669.85 670.94 671.75	E\ -80.0 -79.7 -79.4	74 0.5	Tool Type	
MUD PROPERTIES Type Temp. Visc PV YP O/W Ratio Comments: DAF	64 21 23 Filt	Gels 10sec Gels 10min pH	9.5 16 0 3.2 2	Alk. CI ppm Ca ppm pF Mf WPS	1,400 40 0.1 7.4	- -	Sand % colids % LGS % Oil % Vater %	0.1	S Lime lb/bbl Salt bbls LCM ppb API WL cc HTHP WL cc	0.0 0.0 0.0 11.2 0.0
Flaring:	Flare Foo	t-Minutes 0	Flar	red MCF	0.0	Cum. Flai	ed MCF _	0.0		
BEOLOGY Bk Gas Conn Gas Litho Shows:				I	Flare Sz Trip Gas New Sand		Flare Trip			
Pump 1 Liner 6.0 Pump 2 Liner 6.0 Pump 32 Liner BHA Makeup Up Weight 165.0	Stroke Ler Stroke Ler Stroke Ler	n <u>9.0</u> n <u>9.0</u>	SPM 0 120 SPM 120 SPM 138,00	PSI PSI	1,950	GPM GPM GPM Length Torque	442	SPR _ SPR _ SPR _	Slov	
BHA MAKEUP: # 60 M	<b>Componen</b> IWD - hang of		<b>ID</b> 2.875	<b>Length</b> 3.06	Weight (ft/l	b) Serial	Number	Des	scription	

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100100: Permits & Fees		4,419		8100105: Insurance			
8100110: Staking & Surveying				8100120: Surface Damages & R			
8100200: Location Roads		28,030		8100210: Reclamation			
8100220: Secondary Reclamati				8100230: Pit Solidification			
8100300: Water Well				8100310: Water/Water Disposa		518	
8100320: Mud & Chemicals		28,305		8100325: Oil Base Mud Diesel			
8100400: Drilling Rig		137,015	1,086,930	8100402: Drilling Rig Cleani			
8100405: Rig Fuel		27,433		8100410: Mob/Demob			
8100420: Bits & Reamers				8100500: Roustabout Services	1,830	8,002	
8100510: Testing/Inspection/				8100520: Trucking & Hauling		1,965	
8100530: Equipment Rental	370	11,014		8100531: Down Hole Motor Ren			
8100532: Solids Control Equi				8100535: Directional Drillin			
8100540: Fishing				8100600: Surface Casing/Inte		16,435	
8100605: Cementing Work		50,248		8100610: P & A			
8100700: Logging - Openhole				8100705: Logging - Mud			
8100800: Supervision/Consult	5,205	13,880		8100810: Engineering/Evaluat			
8100900: Contingencies				8100950: Administrative O/H			
8100999: Non Operated IDC				8200510: Testing/Inspection/			
8200520: Trucking & Hauling		238		8200530: Equipment Rental			
8200605: Cementing Work				8210600: Production Casing			
8210620: Wellhead/Casing Hea		8,672		Total Cost	7,405	336,171	1,086,930

## ULTRA RESOURCES, INC. DAILY COMPLETION REPORT FOR 11/23/2013 TO 12/31/2013

Well Name	THREE RIVERS 16-32-820	Fracs Planned	7
Location:	UINTAH County, UTAH(SWNE 16 8S 20E)	AFE# 130520	
Total Depth Date:	11/16/2013 TD 6,767	Formation:	(Not Specified)
Production Casing:	Size 5.500 Wt 17.000 Grade J-55 Set At 6,743	GL:	KB: 0

Date: 11/23/2	2013				
Tubing:	Multi OD String Depth	Set: 4,603"	PB <sup>-</sup>	ΓD:	0
Supervisor:	(Missing)				
Work Objective:	Build Tank Battery				
Contractors:	(Missing)				
Completion Rig:	(Missing)		Supervis	or Phone: (Mis	ssing)
Upcoming Activity:	-				
Costs (\$):	Daily: 0	Cum:	132,588	AFE:	0

Date: 11/26/2	2013					
Tubing:	Multi OD String Depth Set	: 4,603"	PB	BTD:	0	
Supervisor:	(Missing)					
Work Objective:	(Nothing Recorded)					
Contractors:	(Missing)					
Completion Rig:	(Missing)		Supervi	sor Phone: (Mis	ssing)	
Upcoming Activity:						
Costs (\$):	Daily: 139,384	Cum:	271,972	AFE:	0	

Date: 11/27/2	2013				
Tubing:	Multi OD String Depth Set	: 4,603"	PB	TD:	0
Supervisor:	(Missing)				
Work Objective:	(Nothing Recorded)				
Contractors:	(Missing)				
Completion Rig:	(Missing)		Supervis	sor Phone: (Mi	ssing)
Upcoming Activity:					
Costs (\$):	Daily: 110,111	Cum:	382,083	AFE:	0

Date: 11/29/20	013						
Tubing:	Multi OD S	String Depth Se	t: 4,603"	PB	TD:	0	
Supervisor:	(Missing)						
Work Objective:	(Nothing F	Recorded)					
Contractors:	(Missing)						
Completion Rig:	(Missing)			Supervi	sor Phone: (Mi	ssing)	
Upcoming Activity:							
Costs (\$):	Daily:	2,154	Cum:	384,237	AFE:	0	

Date: 12/03/2	2013				
Tubing:	Multi OD String Depth Set	: 4,603"	PB	TD:	0
Supervisor:	(Missing)				
Work Objective:	(Nothing Recorded)				
Contractors:	(Missing)				
Completion Rig:	(Missing)		Supervi	sor Phone: (Mis	ssing)
Upcoming Activity:					
Costs (\$):	Daily: 1,233	Cum:	385,470	AFE:	0

Date: 12/04/20	)13					
Tubing:	Multi OD S	String Depth Set:	4,603"		PBTD:	0
Supervisor:	Joe Dunca	an				
Work Objective:	Logging					
Contractors:	(Missing)					
Completion Rig:	(Missing)			Supe	ervisor Phone: (Mi	issing)
Upcoming Activity:						
Costs (\$):	Daily:	0	Cum:	385,470	AFE:	0

Date: 12/10/20	13		· ·		
Tubing:	Multi OD String Depth Set: 4,	603"	PBTI	D:	0
Supervisor:	(Missing)				
Work Objective:	(Nothing Recorded)				
Contractors:	(Missing)				
Completion Rig:	(Missing)		Superviso	r Phone: (Missi	ing)
Upcoming Activity:	-				
Costs (\$):	Daily: 1,376	Cum:	386,846	AFE:	0

Date: 12/13/20	13					
Tubing:	Multi OD String Depth Se	t: 4,603"	PBT	D:	0	
Supervisor:	(Missing)					
Work Objective:	(Nothing Recorded)					
Contractors:	(Missing)					
Completion Rig:	(Missing)		Superviso	or Phone: (Missi	ing)	
Upcoming Activity:						
Costs (\$):	Daily: 20,200	Cum:	407,046	AFE:	0	

Date: 12/16/20	)13				
Tubing:	Multi OD String Depth Set: 4,	603"	PE	BTD:	0
Supervisor:	Joe Duncan				
Work Objective:	Perforating				
Contractors:	JW, C&J				
Completion Rig:	J-W		Supervi	sor Phone: 4	35-828-1472
Upcoming Activity:	Prep for frac work				
Activities					
1500-1730	MIRU JW WLU Perf 1st stg (6	289 - 6409)			
	Second gun fr/top fired and se	t off to top gun	out of zone. POH, RII	I and shot top	o gun.
Costs (\$):	Daily: 738	Cum:	407,784	AFE:	0

Date: 12/17/20	013				
Tubing:	Multi OD String Depth Set	: 4,603"	PBTI	D:	0
Supervisor:	(Missing)				
Work Objective:	(Nothing Recorded)				
Contractors:	(Missing)				
Completion Rig:	(Missing)		Superviso	r Phone: (Missir	ng)
Upcoming Activity:					
Costs (\$):	Daily: 2,291	Cum:	410,075	AFE:	0

Date: 12/18/20	13			
Tubing:	Multi OD String Depth Set: 4,603"	PBTD:	0	
Supervisor:	Scott, Duncan			
Work Objective:	RU frac equipment		SSE:	1
Contractors:	Hallib-frac, J-W wireline, D&M, RNI, Knight, Sunrise, Rig1	, T&S,		
Completion Rig:	HAL - Blue UT, J-W	Supervisor Pho	ne: 307-350-84	187/435-828-147
Upcoming Activity:	Perf, Frac, and Flowback			
Activities				
1800-0600	Fill and heat water tanks, Rig up Hal-Frac.		•	
Costs (\$):	Daily: 0 Cum: 410,	075 AF	E:	0

Date: 12/19/20	13					
Tubing:	Multi OD String Depth Set: 4,	603"		PBTD:	0	
Supervisor:	Scott/Duncan					
Work Objective:	Prep for frac work				SSE:	1
Contractors:	Hallib-frac, J-W wireline, D&M	, RNI, Knight, Sunris	e, Rig1, T&S	}		
Completion Rig:	HAL - Blue UT, J-W	•	Su	pervisor Phone:	307-350-8487	7/435-828-1472
Upcoming Activity:	Perf, Frac, and Flowback					
Activities						
1800-0600	Fill and heat water tanks, Rig	up Hal-Frac.				
0600-0310	Wait on Three Rivers Fed. 3-1	1-820 to finish frac.				
Costs (\$):	Daily: 932	Cum:	411,007	AFE:	0	

Date: 12/20/2	013					
Tubing:	Multi OD String Depth Set: 4,	603"		PBTD:	0	
Supervisor:	Scott,Duncan					
Work Objective:	Perf, Frac, and Flowback				SSE:	2
Contractors:	Hallib-frac, J-W wireline, D&M	, RNI, Knight, Sunris	e, Rig1, T&S			
Completion Rig:	HAL - Blue UT, J-W		Supe	rvisor Phone: 3	307-350-8487	7/435-828-14
Upcoming Activity:	Perf, Frac, and Flowback					
Activities						
0600-0310	Wait on Three Rivers Fed. 3-1	1-820 to finish frac.				
0310-0530	Rig up frac lines to Well head.					
0530-0600	Safety Meeting-Review location	on hazards including	, WHD, WL log	ging, crane ope	rations, the u	se land guide
	while backing. Review inciden	t reporting of propert	y damage, & p	ersonnel injuries	s.Slips trips a	nd falls,
	Establish smoking area & Mus	ster area.				
0600-0720	Verify sand and water volume	s. Change out chemi	cal transport, a	nd flood lines. V	Vireline Unit I	oack spooled
	line, resulting in changing out	wireline units.				
0720-0820	Frac stage 1.					
0820-1050	Wait on Wireline.					
1050-1200	Perforate stage 2 (6092 - 6256	6)				
1200-1345	Frac stage 2.					
1345-1515	Perforate stage 3 (5851 - 6052	2)				
1515-1650	Frac stage 3.					
1650-1835	Perforate stage 4 (5557 - 5784	4)				
1835-2030	Frac stage 4.					
2030-2210	Perforate stage 5 (5337-5526)	. Set plug @ 5533'.				
2210-2350	Frac stage 5.					
2350-0110	Perforate stage 6 (4849-5152)	. Set plug @ 5185'.				
Costs (\$):	Daily: 26,268	Cum:	437.275	AFE:	C	)

Date: 12/21/20	013										
Tubing:	Multi OD String Depth Set: 4,603"	PBTD:	0								
Supervisor:	Scott, Duncan										
Work Objective:	Perf, Frac, and Flowback	Perf, Frac, and Flowback SSE: 2									
Contractors:	Hallib-frac, J-W wireline, D&M, RNI, Knight, Sunrise, R	ig1, T&S									
Completion Rig:	HAL - Blue UT, J-W	Supervisor Phone: 3	807-350-8487/435-828-147								
Upcoming Activity:	Drill out plug										
Activities											
2350-0110	Perforate stage 6 (4849-5152). Set plug @ 5185'.	Perforate stage 6 (4849-5152). Set plug @ 5185'.									
0110-0235	Frac stage 6.										
0235-0350	Perforate stage 7 (4640-4816). Set plug @ 4826'.										
0350-0510	Wait on water.										
0510-0625	Frac stage 7.										
0625-1100	Rig down vendors. Shut bottom ram, SICP 1373#. Dra	n top ram, & pour methand	ol in BOP. Rig down move								
	out frac and Wireline equipment.										
0000-0000	Close bottom ram. Shut in pressure 720. Bleed off s	ack & lines. RDMO Coil t	ubing unit.								
Costs (\$):	Daily: 354,617 Cum: 79	91,891 AFE:	0								

Date: 12/22/20	113												
Tubing:	Multi OD String Depth Set: 4,603"	PBTD:	0										
Supervisor:	Scott/Duncan												
Work Objective:	Drill out plug		SSE: 0										
Contractors:	IPS, Rig 1, Knight, RNI												
Completion Rig:	IPS CT 1.75"	Supervisor Phone: 3	<u> 307-350-8487/435-828-147</u>										
Upcoming Activity:	Flow test well												
Activities													
0200-0520	Rig up coil unit.												
0520-0600	Load coil with water. Break lubricator off 7-1/16" BOP. Mak	oad coil with water. Break lubricator off 7-1/16" BOP. Make up QES BHA as follows: Coil Connector,											
	Bi-Directional jar, MHA Dual Check Valves, 3/4" Ball Seat (b												
	Circ Sub, 5/8" Ball Seat, 8K Burst Disc, motor and 5 blade 4.	Firc Sub, 5/8" Ball Seat, 8K Burst Disc, motor and 5 blade 4.625" mill. Reconnect lubricator. Function test											
	motor in lubricator. Pressure up on top side of rams. Pressu	notor in lubricator. Pressure up on top side of rams. Pressure test to 3000 psi. Bleed pressure to 1500 psi											
	and open rams, 400 psi well pressure.												
0600-0645	RIH with mill and motor to plug @ 4826'. (Coil depth 4837').												
0645-0730	RIH to plug @ 5152'. Tag sand at ~5112', wash sand to plu												
0730-0810	RIH to plug @ 5533'. Tag sand at ~5333', wash sand to plu	ıg @ 5533' (Coil deptl	h 5541'). Drill plug.										
0810-0900	Pump 20 bbl. gel sweep. RIH to plug @ 5815'. Tag sand at -	-5785', wash sand to	plug @ 5815' (Coil depth										
	5824') Make 500' short trip. Drill plug. 200 PSI.												
0900-0930	RIH to plug @ 6075'. (Coil depth 6081'). Drill plug.												
0930-0955	RIH to plug @ 6275'. Tag sand at ~6255', wash sand to plu												
0955-1120	RIH to PBTD @ 6690'. Tag sand @ ~6490', wash sand to Pl												
	water spacer & 20 bbl gel sweep. (Coil PBTD @ 6700'). Ma	ake 500' short trip and	d retag PBTD. POOH @ 50										
	ft/min for 30 min and then continue POOH.												
1120-1400	Close bottom ram. Shut in pressure 300. Bleed off stack &	k lines. RDMO Coil t	ubing unit. Open well to										
	flowback tank at 1330 hrs.												
Costs (\$):	Daily: 44,154 Cum: 836,04	5 AFE:	0										

Date: 12/23/20	13							
Tubing:	Multi OD String Depth Set: 4,	603"		PBTD: 0				
Supervisor:	Joe Duncan							
Work Objective:	Flow test well							
Contractors:	Rig 1, RNI							
Completion Rig:	(Missing)		Supe	Supervisor Phone: 435-828-1472				
Upcoming Activity:	Flow test well							
Costs (\$):	Daily: 24,986	Cum:	861,031	AFE:	0			

Date: 12/24/20	013									
Tubing:	Multi OD String Depth Set	: 4,603"	PBT	PBTD:						
Supervisor:	Joe Duncan									
Work Objective:	Flow test well	low test well								
Contractors:	Rig 1, RNI									
Completion Rig:	(Missing)		Supervisor Phone: 435-828-1472							
Upcoming Activity:	Flow test well									
Costs (\$):	Daily: 509	Cum:	861,540	AFE:	0					

Date: 12/25/2	2013									
Tubing:	Multi OD String Depth	Set: 4,603"	PB	TD:	0					
Supervisor:	Fletcher									
Work Objective:	Turned over to Product	Turned over to Production Dept								
Contractors:	(Missing)			_						
Completion Rig:	(Missing)		Supervisor Phone: 3036459812							
Upcoming Activity:										
Costs (\$):	Daily: 0	Cum:	861,540	AFE:	0					

Date: 12/26/2	2013						
Tubing:	Multi OD String Depth Se	t: 4,603"	PBT	0			
Supervisor:	(Missing)						
Work Objective:	(Nothing Recorded)						
Contractors:	(Missing)						
Completion Rig:	(Missing)		Supervisor Phone: (Missing)				
Upcoming Activity:							
Costs (\$):	Daily: 485	Cum:	862.025	AFE:	0		

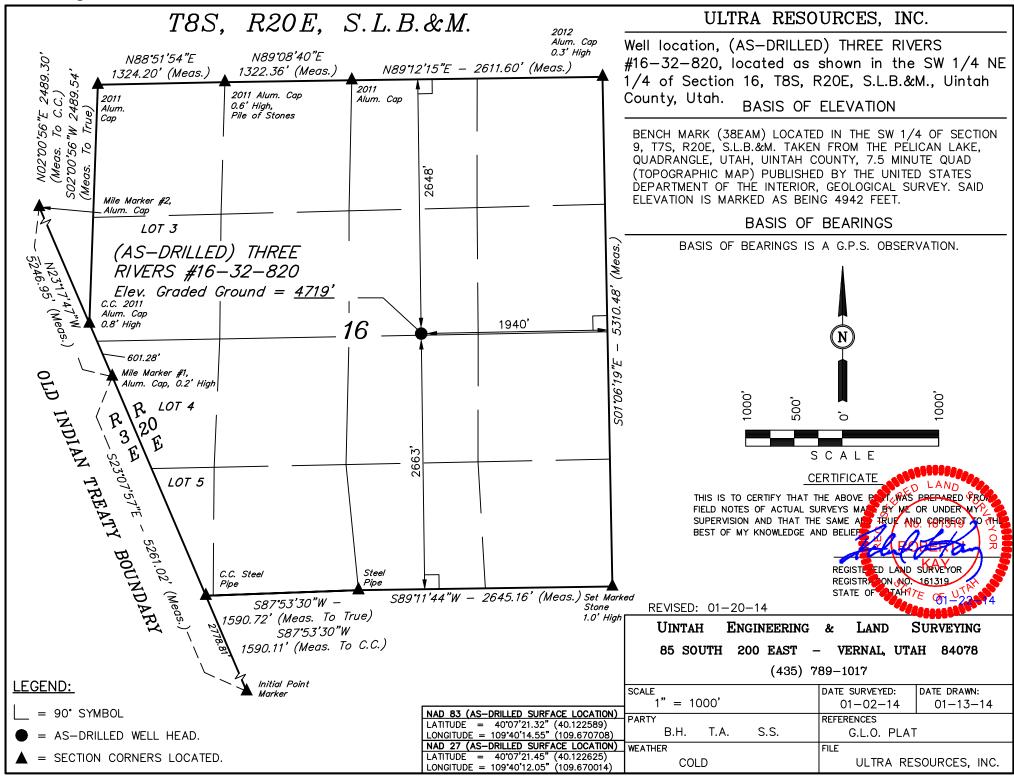
Date: 12/27/2	2013						
Tubing:	Multi OD String Depth Set:	4,603"	PBT	PBTD:			
Supervisor:	(Missing)						
Work Objective:	(Nothing Recorded)						
Contractors:	(Missing)						
Completion Rig:	(Missing)		Supervisor Phone: (Missing)				
Upcoming Activity:	<del>-</del>						
Costs (\$):	Daily: 36,984	Cum:	899,009	AFE:	0		

Date: 12/28/20	013										
Tubing:	Multi OD String Depth Set: 4,603"	Multi OD String Depth Set: 4,603" PBTD: 0									
Supervisor:	Joe Duncan										
Work Objective:	TIH w/ tubing										
Contractors:	Stone WS, RNI, Hagman Trucking										
Completion Rig:	Stone #11	Stone #11 Supervisor Phone: 435-828-1472									
Upcoming Activity:	Run Rods	Run Rods									
Activities											
0700-1000	MIRU Stone WS rig #11 and equipment.										
1000-1100	RU floor, tongs, and change over from rod equipmen	t to tbg equipr	ment.								
1100-1300	Work to thaw frozen wellhead.										
1300-1400	PU and TIH w/BHA and Production tbg.										
1400-1600	Thaw froze air lines on rig.	Thaw froze air lines on rig.									
1600-1730	Cont to PU and TIH w/BHA and Production tbg. SWI	& SDFN.									
Costs (\$):	Daily: 7,053 Cum:	906,061	AFE:	0							

Date: 12/30/2	N13										
Tubing:		String Depth Set: 4,6	503"		PBTD:		0				
Supervisor:	Krause	Carrie Dopar Coa 1,	300		1 1010.						
Work Objective:	Run Rod	S									
Contractors:	Stone, C	TAP, RNI, Knight									
Completion Rig:	Stone #1			S	upervisor Ph	none: 307-2	31-2070				
Upcoming Activity:	Completi	on									
Activities											
0700-0930	ND BOP	ND BOP, set TAC, and NU WH. 139 jts total tubing in well. TAC @ 4352', Pump barrel @ 4485', EOT @									
	4603'										
0930-1030	Prep to F	PU rods.									
1030-1230	PU and f	RIH with standing valv	e, plunger and	l rods. Seat stand	ling valve, s <sub>l</sub>	pace out and	l pick up polish rod.				
1230-1630		ing with water. LS w		<u> </u>			unning. Hang well				
	horses h	ead. RDMO. Move	rig to the TR 1	6-33-820. Turn	well over to	production.					
	Rod Detail:										
		5' Pump plunger (2.25")									
	38 7/8" r										
	58 3/4" rods										
	81 7/8" r										
		7/8" Pony rods									
		' Polish Rod	Γ -								
Costs (\$):	Daily:	6,445	Cum:	912,506	A	\FE:	0				

Date: 12/31/20	13								
Tubing:	Multi OD S	String Depth Set: 4,	603"	PBT	PBTD: 0				
Supervisor:	(Missing)								
Work Objective:	Turned ov	Turned over to Production Dept							
Contractors:	(Missing)	(Missing)							
Completion Rig:	(Missing)			Superviso	Supervisor Phone: (Missing)				
Upcoming Activity:						-			
Costs (\$):	Daily:	0	Cum:	912,506	AFE:	0			

	STATE OF UTAH		FORM 9				
I	DEPARTMENT OF NATURAL RESOURG DIVISION OF OIL, GAS, AND MIR		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-49319				
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: Three Rivers 16-32-820				
2. NAME OF OPERATOR: ULTRA RESOURCES INC	9. API NUMBER: 43047534940000						
3. ADDRESS OF OPERATOR: 304 Inverness Way South #	9. FIELD and POOL or WILDCAT: THREE RIVERS						
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2628 FNL 1970 FEL		COUNTY: UINTAH					
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 16 Township: 08.0S Range: 20.0E Meri	dian: S	STATE: UTAH				
11. CHECI	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION				
9/21/2013	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
	WILDCAT WELL DETERMINATION	OTHER	OTHER:				
		OTHER	<u>'</u>				
Ultra requests to up	completed operations. Clearly show odate the SHL per As-Drilled 48 FNL 1940 FEL, Lat 40.12 SWNE	l plat attached Proposed	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 19, 2014				
NAME (PLEASE PRINT) Kim Dooley	<b>PHONE NUME</b> 303 645-9872	BER TITLE Permitting Assistant					
SIGNATURE N/A		<b>DATE</b> 2/7/2014					



	STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS AND MINING											(h 5. i		chai	nges) NATION .		F	ORN IBER		
								·····		· · · · · · · · · · · · · · · · · · ·				ML49			OR TRI	IBE NAME		
	L COMF	LET	ION	OR F	REC	OMPL	ETIC	ON R	EPOI	RT AN	D LOG									
1a. TYPE OF WELL		OII WE		] ;	GAS [		DRY		ОТН	HER			- 7. l	7. UNIT or CA AGREEMENT NAME						
b. TYPE OF WOR NEW WELL	HORIZ. LATS.	DE EN	EP-	]	RE- ENTRY		DIFF. RESVR.		ОТН	HER				VELL NA THRE				6-32-8	20	
2. NAME OF OPER Ultra Reso	ources, Inc	c.											1	4304		494				
3. ADDRESS OF O		<b>o.</b> cr	TY Eng	glewo	od	STATE	E CO	ZIP 80	112		NUMBER: 03) 645-9	9810		UND				AT		
4. LOCATION OF V AT SURFACE:	2648 FNI	_ 1940												OTR/OT MERIDI/ WNE	R, SEC N: 16			SHIP, RANG	ge, S	
AT TOTAL PER									24502	2 109.67	0964		12.	COUNTY	<del></del>	***************************************		3. STATE		
AT TOTAL DEPT		DATE T.				Z8 TUS		94				·····	1 1	Jintah		ONS (DE	E RKB	, RT, GL):	UT.	AH
9/21/2013 18. TOTAL DEPTH:		11/16/		9. PLUG	12/	21/20 <sup>-</sup>		,	ABANDON		READY TO	·		4	719	GL				
•	TVD 6,66	5				TVD			20. 1	MULTIPLE C	OMPLETIONS	s, HOW	MANY? *	21. DE P	LUGS		MD TVD	)		
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  23. WAS WELL CORED? WAS DST RUN? DIRECTIONAL SURVEY?								NO YES (Submit analysis)  NO YES (Submit report)  NO YES (Submit copy)												
24. CASING AND L	NER RECORD	(Report a	ll strings	set in w	ell)												***************************************		•	
HOLE SIZE	SIZE/GRAD	E	WEIGHT	(#/ft.)	ТОР	(MD)	воттс	M (MD)		CEMENTER EPTH	CEMENT T NO. OF SA			RRY IE (BBL)	CE	MENT T	OP **	AMOUN	T PUI	LLED
24		-75	109	9		0	12	20							1	0		1		***************************************
12 1/4		-55	24			)	1,0	015		675		675				0				
7 7/8	5 1/2 J-	-55	17	<u> </u>	1	3	6,7	743				400	100		2000					
										······································										
	<u> </u>														1_					
25. TUBING RECOR	<u> </u>			J.			<u> </u>					J			<u> </u>			<u> </u>		
SIZE	DEPTH SE	T (MD)	PACKE	ER SET (N	ID)	SIZE		DEPTH	SET (MD	PACKE	R SET (MD)		SIZE	I	DEPTH	H SET (N	4D)	PACKER	SET (	(MID)
2 7/8	4,60	)3		<u> </u>			***************************************				, , ,						,	171011211		
26. PRODUCING IN	TERVALS									27. PERFO	RATION REC	ORD								
FORMATION		TOP (I	MD)	BOTTO	M (MD)	TOP	(TVD)	вотто	M (TVD)	INTERVA	L (Top/Bot - N	MD)	SIZE	NO. HO	LES	PE	RFOR	ATION STA	ATUS	
(A) Lower GR		4,6	40	6,4	.09					4,640	6,4	409				Open		Squeezed		
(B)							***************************************									Open		Squeezed		
(C)																Open		Squeezed		
(D)										W-111111111111111111111111111111111111						Open		Squeezed		
28. ACID, FRACTUR	RE, TREATMEN	T, CEMEN	NT SQUE	EZE, ETC																
WAS WELL H	YDRAULICALLY	/ FRACTL	JRED?	YES	Z NC	·□	IF YES	– DATE F	RACTURI	ED: 12/20	0/2013									
DEPTH II	NTERVAL								AMC	UNT AND TY	PE OF MATE	RIAL								
4640-6409	******		Frac	ture/S	timula	ate 7 S	tages													
		I																		
29. ENCLOSED ATT	FACHMENTS:							. —								30	. WELL	STATUS:		
	RICAL/MECHAN			CEMENT	VERIFIC	ATION	i	GEOLOGI			OST REPORT	<b>Z</b>	DIREC	TIONAL	SURVI	EY		POW	<b>/</b>	

31. INITIAL PRO	DUCTION				INT	ERVAL A (As sho	wn in item #26)						
DATE FIRST PR	ODUCED:	TEST DATE 1/11/20			HOURS TESTED	D: <b>24</b>	TEST PRODUCTI RATES: →	ON	OIL - BBL:	GAS - MCF: 321	WATER	- BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	S. API GRA	VITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCT RATES: →	ION	OIL - BBL:	GAS MCF:	WATER -	- BBL:	INTERVAL STATUS:
					INT	ERVAL B (As show	wn in item #26)						
DATE FIRST PR	ODUCED:	TEST DATE	:		HOURS TESTED	D:	TEST PRODUCTI RATES: →	ON	OIL – BBL:	GAS - MCF:	WATER -	- BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	S. API GRA	VITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCT RATES: →	ION	OIL - BBL:	GAS - MCF:	WATER -	- BBL:	INTERVAL STATUS:
	<b>.</b>	<del> </del>			INT	ERVAL C (As show	wn in item #26)		<del>L</del>	1			
DATE FIRST PR	ODUCED:	TEST DATE	:		HOURS TESTED	D:	TEST PRODUCTI RATES: →	ON	OIL - BBL:	GAS - MCF:	WATER -	- BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	S. API GRA	VITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCT RATES: →	ION	OIL – BBL:	GAS - MCF:	WATER -	- BBL:	INTERVAL STATUS:
***************************************					INT	ERVAL D (As show	wn in item #26)		<u> </u>				
DATE FIRST PR	ODUCED:	TEST DATE	:		HOURS TESTED	<b>)</b> :	TEST PRODUCTI RATES: →	ON	OIL - BBL:	GAS - MCF:	WATER -	- BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	S. API GRA	VITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCT RATES: →	ION	OIL - BBL:	GAS MCF:	WATER -	- BBL:	INTERVAL STATUS:
32. DISPOSITIO VENTED		i, Used for Fue	l, Vented, Etc.	)									
33. SUMMARY	OF POROUS ZO	NES (include A	quifers):		***************************************	***************************************		34	. FORMATION (	Log) MARKERS:			
Show all importar cushion used, tim						tests, including de	oth interval tested,						
Formatio	n	Top (MD)	Bottom (MD)		Descrip	tions, Contents, etc	<b>.</b>			Name		(1	Top Measured Depth)
								L	Jpper Gree				2,500 4,618 6,417
35. ADDITIONAL	- REMARKS (in	clude plugging	procedure)										
36. I hereby cer	ify that the fore	going and atta	ched informat	ion is co	omplete and corre	ect as determined	from all available i	ecor	rds.				
NAME (PLEAS	E PRINT) Jer	na Ander	son				тітье Ре	rmi	itting Assis	tant			
SIGNATURE _		Xh	<u> </u>				<u>DATE</u> 3/2	25/2	2014				
<ul><li>drilling</li><li>recom</li></ul>	eting or plug horizontal pleting to a	iging a new aterals from different pro	well an existing ducing forn	nation	oore •	significantly d drilling hydrod	previously plugg deepening an ec carbon exploration	xisti ory	ing well bore holes, such a	below the prev			

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Box 145801

Salt Lake City, Utah 84114-5801

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Phone: 801-538-5340

801-359-3940 Fax:

4.603

6,743

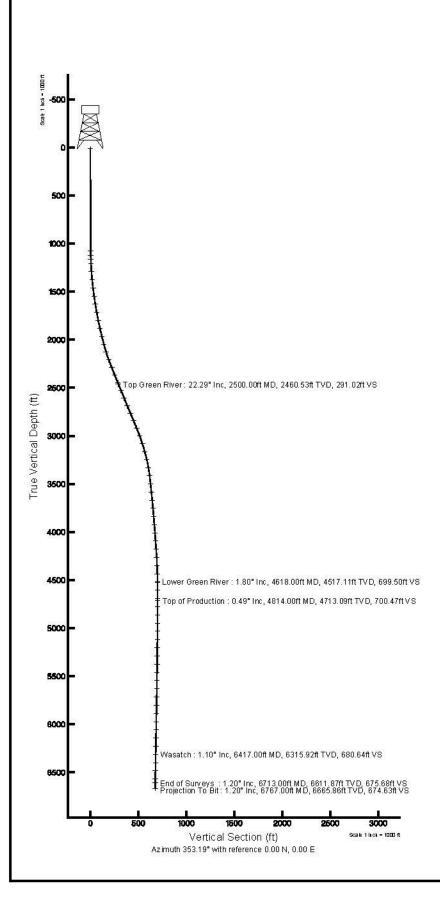


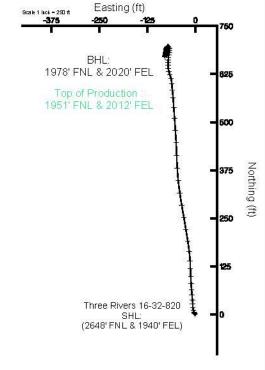
## JLTRA RESOURCES, INC

Field: UINTAH COUNTY Well: Three Rivers 16-32-820 Sec.16-T8S-R20E Three Rivers 16-32-820 AWB













## Actual Wellpath Report Three Rivers 16-32-820 AWP Page 1 of 4



REFERENC	CE WELLPATH IDENTIFICATION		
Operator	UL TRA RE SOURCE S, INC	Slot	Three Rivers 16-32-820 (2648' FNL & 1940' FEL)
Area	Three Rivers	Well	Three Rivers 16-32-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-32-820 AWB
Facility	Sec. 16-T8S-R20E		

REPORT SETUP INFOR	MATION		
Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999911	Report Generated	1/28/2014 at 2:07:50 PM
Convergence at slot	1.17° East	Database/Source file	WellArchitectDB/Three_Rivers_16-32-820_AWB.xm1

WELLPATH LOCATION		-			Taylor .	
	Localcoo	rdinates	Grid c	oordinates	Geograp h	ic coordinates
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	1377.37	1307.34	2151917.88	7218608.16	40°07'21.320"N	109°40'14.550"W
Facility Reference Pt			2150639.03	721 7204.54	40°07'07.709"N	109°40'31.379"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

WELLPATH DATU	M		
Calculation method	Minimum curvature	Rig on Three Rivers 16-32-820 (2648' FNL & 1940' FEL) (RT) to Facility Vertical Datum	4732.0
Horizontal Reference Pt	Slot	Rig on Three Rivers 16-32-820 (2648' FNL & 1940' FEL) (R.T.) to Mean Sea Level	4732.0
Vertical Reference Pt	Rig on Three Rivers 16-32-820 (2648' FNL & 1940' FEL) (RT)	Rig on Three Rivers 16-32-820 (2648' FNL & 1940' FEL) (RT) to Mud Line at Slot (Three Rivers 16-32-820 (2648' FNL & 1940' FEL))	4732.0
MD Reference Pt	Rig on Three Rivers 16-32-820 (2648' FNL & 1940' FEL) (RT)	Section Origin	N0.00
Field Vertical Reference	Mean Sea Level	Section Azimuth	353.19
-			

Appdwx1Numbasir476854AB34Wq110Number: 43047534940000



## Actual Wellpath Report Three Rivers 16-32-820 AWP Page 2 of 4



REFERENC	CE WELLPATH IDENTIFICATION		
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 16-32-820 (2648' FNL & 1940' FEL)
Area	Three Rivers	Well	Three Rivers 16-32-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-32-820 AWB
Facility	Sec. 16-T8S-R20E		

WELLPATH DA	ATA (76 stations)	† = interpola	rted/extrapolate		u stendarske sa	40. 20. 50.	457400 APRIL 400	A THE RESERVE NO.	*******	200
MD [ft]	Inclination [°]	Azimufh [°]	TVD [fil	Vert Sect	North [ff]	East [fi]	Latitude	Longitude	DLS [*/100ft]	Comments
0.00†	000.0	322,400	0.00	0.00	0.00	0.00	40°07'21.320"N	109°40′14.550"W	0.00	
13.00	000.0	322,400	13.00	0.00	0.00	0.00	40°07'21.320"N	109°40′14.550"W	0.00	
1078.00	0.400	322,400	1077.99	3.19	2.95	-2.27	40°07'21.349"N	109°40′14.579"W	0.04	
1121.00	0.500	328,600	1120.99	3.49	3.22	-2.46	40°07'21.352"N	109° 40′14.582"W	026	
1163.00	1.400	326,600	1162.98	4.12	3.81	-2.84	40°07'21.358"N	109°40′14.587"W	2.14	
1206.00	2,500	335,600	1205.96	5.48	5.10	-3.51	40°07'21.370"N	109°40′14.595"W	2.65	
1291.00	4.400	345,000	1290.80	10.48	9.94	-5.12	40°07'21.418"N	109°40′14.616″W	232	1
1377.00	5800	352 <i>5</i> 00	1376.46	18.09	17.44	-6.54	40°07'21.492"N	109°40′14.634"W	1.80	
1462.00	6900	0.600	1460.94	27.45	26.80	-7.05	40°07'21.585"N	109° 40′14.641"W	1.67	
1547.00	7.700	352,900	1545.25	38.20	37.56	-7.70	40°07'21.691"N	109°40′14.649"W	1.48	
1633.00	9200	356.700	1630.32	50.83	50.14	-8.81	40°07'21.815"N	109° 40′14.663"W	1.86	
1718.00	10 200	354.100	1714.10	65.14	64.41	-9.97	40°07'21.956"N	109° 40′14.678"W	1.28	
1803.00	11 300	357,200	1797.61	80.97	80.21	-11.15	40° 07'22.113"N	109°40′14.694″W	1.46	
1889.00 1974.00	12 <i>9</i> 00 14 <i>2</i> 00	357.300 357.400	1881.69 1964.33	98.95 118.81	98.22 118.11	-12.02 -12.94	40° 07'22.291 "N 40° 07'22.487"N	109°40′14.705″W 109°40′14.717″W	1.86 1.53	
2060.00	14,200	357,500	2047.57	140.36	139.70	-13.90	40° 07' 22.700" N	109'40'14.717' W	0.81	
2145.00	17300	353 300	2047.37	140.36 163.90	163.17	-15.85	40°07'22.700"N 40°07'22.932"N	109°40′14.729°W 109°40′14.754°W	314	
2230.00	20300	350 300	2209.69	191.27	190.26	-19.81	40°07'23.200"N	109 4014.734 W 109°40'14.805"W	3.71	
2316.00	22,100	351.100	2289.87	222.34	220.95	-24.83	40° 07' 23.200 N	109 4014 805 W	2.12	
2401.00	21.700	349,600	2368.73	254.00	252.21	-30.14	40° 07'23.812"N	109°40'14'938"W	0.81	
2487.00	22,200	350,900	2448.50	286.10	283.89	-35.58	40°07'24.125"N	109°40'15'008"W	0.81	
2500.00	22 292	350,994	2460.53	291.02	288.75	-36.35	40°07'24.1 <i>7</i> 3"N	109°40′15.018"W		Top Green River
2572.00	22.800	351 500	2527.03	318.61	316.03	-40.55	40°07'24.443"N	109°40′15.072"W	0.76	
2657.00	22,200	354,100	2605.56	351.13	348.30	-44.64	40° 07'24.762"N	109°40′15.125"W	137	
2743.00	22,000	356,500	2685.24	383.46	380.54	-47.29	40° 07'25.080"N	109°40′15.159"W	1.08	
2828.00	23.500	358 200	2763.63	416.24	413.37	-48.79	40°07'25.405"N	109°40'15.178"W	193	
2914.00	22,600	356 900	2842.76	449.81	447.01	-50.23	40°07'25.737"N	109°40′15.197"W	120	
2999.00	22,300	356,000	2921.32	482.21	479.40	-52.23	40°07'26.058"N	109° 40′15 222"W	0.54	
3085.00	20.600	356,100	3001.36	513.62	510.78	-54.40	40°07'26.368"N	109° 40′15′250"W	198	
3170.00	17900	356.100	3081.60	541.61	538.73	-56.31	40° 07'26.644"N	109° 40′15 275"W	3.18	
3256.00	15300	355 200	3164.01	566.15	563.23	-58.16	40° 07'26.886"N	109°40'15299"W	3.04	
3341.00	12900	354 200	3246.44	586.85	583.85	-60.05	40°07'27.090"N	109°40′15323″W	2.84	
3426.00	10,400	355,800	3329.68	604.00	600.94	-61.58	40°07'27.259"N	109°40'15'343"W	297	
3512.00	7.100	343,400	3414.68	617.00	613.78	-63.66	40°07'27.385"N	109°40'15370"W	4.40	
3597.00	6300	343 200	3499.10	626.77	623.28	-66.51	40° 07'27.479"N	109°40'15.406"W	094	
3683.00	5.700	342,900	3584.63	635.62	631.88	-69.13	40°07'27.564"N	109°40'15.440"W	0.70	
3768.00	5.400	354,500	3669.23	643.77	639.89	-70.76	40° 07'27.644"N	109° 40'15.461"W	136	
3853.00	5.400	358 300	3753.85	651.75	647.87	-71.26	40° 07'27.722"N	109° 40′15.467"W	0.42	
3939.00 4024.00	4.700 5.000	1 900 8.700	3839.52 3924.22	659.26 666.28	655.44 662.58	-71.26 -70.59	40° 07'27.797''N 40° 07'27.868''N	109°40′15.467″W 109°40′15.459″W	0.89 0.76	
4024.00	4,000	358,500	3924.22 4008.95	672.80	669.21	-70.39	40°07'27.933"N	109°40'15.459"W	1.50	
4109.00	4,600	358,500 17,100	4008.95 4094.72	678.94	675.50	-69.17	40°07'27.995"N 40°07'27.995"N	109°40'15.452"W 109°40'15.440"W	1.76	
4280.00	4,000	8.400	4179.48	684.91	681.69	-67.73	40°07'28.057"N	109° 40°15.440° W	1.76	
4366.00	3200	3,500	4265.31	690.17	687.06	-67.15	40° 07' 28.110" N	109°40'15.414"W	1.04	
4451.00	2,400	349 200	4350.21	694.28	691.17	-67.34	40° 07' 28.150 "N	109 4015.414 W	124	
4451.00	2,400	J+7 ZUU	40.00.41	034.20	0.51.17	-07.34	40 07 20.130 N	103 4013.417 W	1.24	

Appdwx1Numbasir476854AB34Wq110Number: 43047534940000



# Actual Wellpath Report Three Rivers 16-32-820 AWP Page 3 of 4



REFERENC	CE WELLPATH IDENTIFICATION		
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 16-32-820 (2648' FNL & 1940' FEL)
Area	Three Rivers	Well	Three Rivers 16-32-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-32-820 AWB
Facility	Sec. 16-T8S-R20E		

MD Ett)	Indination [°]	Azimuth [°]	TVD [ft]	Vert Sect	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ff]	Comm ents
4537.00	1.800	330,900	4436.15	697.33	694.12	-68.33	40°07'28.179"N	109°40'15.430"W	1.04	
4618.00†	1.797	315.263	4517.11	699.50	696.13	-69.84	40°07'28.199"N	109°40'15.449"W	0.60	Lower Green River
4622.00	1.800	314.500	4521.11	699.60	696.22	-69.93	40°07'28 200"N	109°40′15.450"W	0.60	
4707.00	0.300	292,300	4606.09	700.75	697.24	-71.09	40°07'28 210"N	109° 40'15.465"W	1.80	ē.
4793.00	0.500	217,000	4692.09	700.59	697.03	-71.52	40°07'28 208"N	109° 40′15.471"W	0.60	
4814.00†	0.487	224 281	4713.09	700.47	696.89	-71.64	40°07'28'207"N	109°40′15.472"W	0.30	Top of Production
4878.00	0.500	247,000	4777.09	700.22	696.59	-72.09	40°07'28 204"N	109°40′15.478''W	0.30	7 7
4964.00	0.300	209,000	4863.08	699.93	696.24	-72.54	40°07'28 200"N	109°40'15.484"W	0.37	
5049.00	0.600	211.700	4948.08	699.41	695.67	-72.88	40°07'28.195"N	109°40′15.488"W	0.35	
5134.00	0.500	223,900	5033.08	698.82	695.03	-73.38	40°07'28.188"N	109°40'15.495"W	0.18	
5220.00	0.600	213.100	5119.07	698.24	694.38	-73.88	40°07'28.182"N	109°40'15.501"W	0.17	
5305.00	0.600	205,000	5204.07	697.52	693.60	-7431	40°07'28.174"N	109°40′15.507''W	0.10	S.
5391.00	1.000	210 200	5290.06	696.54	692.54	-74.88	40°07'28.164"N	109°40'15.514"W	0.47	d .
5476.00	0.800	203,800	5375.05	695.43	691.36	-75.49	40°07'28.152"N	109°40'15.522"W	0.26	
5561.00	0.800	180,000	5460.04	694.33	690.22	-75.73	40°07'28.141"N	109°40'15.525"W	0.39	
5647.00	0.800	188.700	5546.03	693.16	689.03	-75.82	40°07'28.129"N	109°40'15.526"W	0.14	-
5732.00	1.100	190,000	5631.02	691.81	687.64	-76.05	40°07'28.115"N	109° 40'15.529"W	0.35	9
5818.00	1.000	179.600	5717.01	690.27	686.08	-76.19	40°07'28.100"N	109°40′15.531"W	0.25	ė.
5903.00	0.800	198.700	5802.00	689.00	684.77	-7638	40°07'28.087"N	109°40'15.533"W	0.42	
5988.00	1.100	192,900	5886.99	687.70	683.42	-76.75	40°07'28.074"N	109° 40'15.538"W	0.37	
6074.00	0.800	198,900	5972.97	686.38	682.04	-77.13	40°07'28.060"N	109°40′15.543"W	0.37	
6159.00	1.200	198,600	6057.96	685.04	680.64	-77.61	40°07'28.046"N	109°40′15.549"W	0.47	
6245.00	0.900	185,600	6143.95	683.57	679.11	-77.96	40°07'28.031"N	109° 40'15.554"W	0.44	0
6329.00	1.000	178.700	6227.93	682.19	677.72	-78.01	40°07'28.017"N	109° 40'15.554"W	0.18	
6414.00	1.100	195 200	6312.92	680.70	676.19	-78.20	40°07'28.002"N	109°40'15.557"W	0.37	
6417.00†	1.096	194 997	6315.92	680.64	676.14	-78.22	40°07'28.002"N	109° 40'15.557"W	0.18	Wasatch
6500.00	1.000	188.800	6398.91	679.21	674.66	-78.53	40°07'27'987"N	109°40'15.561"W	0.18	
6585.00	1.000	196,600	6483.89	677.81	673.21	-78.86	40°0727973"N	109° 40'15.565"W	0.16	
6670.00	1.100	205300	6568.88	676.44	671.76	-79.42	40°07'27.958"N	109° 40'15.572"W	0.22	
6713.00	1.200	195,600	6611.87	675.68	670.96	-79.72	40°07'27'950"N	109°40'15.576"W	0.51	End of Surveys
6767.00	1,200	195,600	6665.86	674.63	669.87	-80.02	40°07'27 940"N	109°40'15.580"W	0.00	Projection To Bit

WELLPATH CON	MPOSITION - R	ef Wellbore: Three Rivers 16-32-820 AWB Ref Wellpath: Three Rivers 16-32-820 A	\ WP	
Start MD [ft]	End MD	Positional Uncertainty Model	Log Name/Comment	Welbore
13.00	6767.00	MTC (Collar, post-2000) (Standard)	MWD	Three Rivers 16-32-820 AWB

Appdwx1Numbasir476854AB34Wq110Number: 43047534940000





## Actual Wellpath Report Three Rivers 16-32-820 AWP Page 4 of 4



REFEREN	CE WELLPATH IDENTIFICATION		
Operator	UL TRA RE SOURCE S, INC	Slot	Three Rivers 16-32-820 (2648' FNL & 1940' FEL)
Area	Three Rivers	Well	Three Rivers 16-32-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 16-32-820 AWB
Facility	Sec. 16-T8S-R20E		

MD [ft]	Inclination	Azimuth	TVD [ft]	Comment
2500.00	22.292	350.994		Top Green River
4618.00	1.797	315.263	4517.11	Lower Green River
4814.00	0.487	224.281	4713.09	Top of Production
6417.00	1.096	194.997	6315.92	Wasatch
6713.00	1.200	195.600	6611.87	End of Surveys
6767.00	1.200	195.600	6665.86	Projection To Bit

## ULTRA RESOURCES, INC. PERFORATION AND FRAC SUMMARY FOR THREE RIVERS 16-32-820

Well Name:	THREE RIVERS				Fr	acs Planned: 7	
Location:	UINTAH County,		016 8		(1000) - AN -10-700-V	87	
Stage 1	Frac Date:	12/20/2013		Avg Rate:	59.8 BPM	Avg Pressure:	
Initial Comple	etion Proppant:	82,600 lbs tot	al	Max Rate:	62.8 BPM	Max Pressure:	2,877 PSI
		82600 lbs Sai	nd				
	Initial Annulus Pressure:	14	Final A	Annulus Pressure:	14	Pump Down Volume:	
	PreFrac SICP:					Base BBLS to Recover:	2 699 BBI s
	Pseudo Frac Gradient:						2,000 BBL0
	rseddo Flac Gladielli.	0.011 F30F1	rseu				0.000 DDL -
		wow.wow				Total BBLS to Recover:	
	Breakdown Pressure:			Breakdown Rate:		Perfs Open:	25
	ScreenOut:	No		Tracer:	(None)		
Zones:	Perf Date	-	SPF		E	erf Interval: From	To
7 DT11Wall	Numbal 2/16/2018 4753	191000	3			6,289	6,290
10	Numbel 2/16/2018 4753 12/16/2013	4940000	3			6,305	6,306
9	12/16/2013		3			6,306	6.307
8 7	12/16/2013		3			6,313	6,314
	12/16/2013		3				6,323
6	12/16/2013		3			6,343	6,347
5	12/16/2013		3				6,353
6 5 4 3 2	12/16/2013		თ თ თ თ თ თ თ თ თ				6,377
3	12/16/2013		3				6,390
4	12/16/2013 12/16/2013		3				6,400 6,409
0, 0	CONTRACTOR DESCRIPTION	10/00/0010	3	(Annual Property)	50.7.DDM		
Stage 2		12/20/2013			59.7 BPM		
Initial Comple	etion Proppant:	186,700 lbs to		Max Rate:	63.8 BPM	Max Pressure:	2,790 PSI
		186700 lbs S	and				
	Initial Annulus Pressure:	0	Final A	Annulus Pressure:	0	Pump Down Volume:	
	PreFrac SICP:	612 PSI		ISIP:	771 PSI	Base BBLS to Recover:	4.861 BBLs
	Pseudo Frac Gradient:		Редп				.,
	1 Seddo I fac Gradient.	0.000 1 01/1 1	1 304				4 964 DDI 6
	Deceledado Decesiono	4474				Total BBLS to Recover:	
	Breakdown Pressure:			Breakdown Rate:		Perfs Open:	26
was an	ScreenOut:	No		Tracer:			
Zones:	Perf Date		SPF		<u>I</u> E	erf Interval: From	To
11	12/20/2013		3			6,092	6,093
10	12/20/2013		3			6,110	6,111
9	12/20/2013		3			6,125	6,126
8 7	12/20/2013		3			6,155	6,156
/	12/20/2013		3			6,170	6,171
0	12/20/2013 12/20/2013		3			6,182 6,201	6,183 6,202
3	12/20/2013		3			6,218	6,219
3	12/20/2013		3			6,230	6,232
6 5 4 3 2	12/20/2013		3			6,241	6,243
1 1	12/20/2013		თ თ თ თ თ თ თ თ თ			6,255	6,256
Stage 3		12/20/2013	27.4 0	Avg Rate:	59.5 BPM	Avg Pressure:	200200
Initial Comple		179,900 lbs to	otal		61.2 BPM	Max Pressure:	
This are comple	T TOPPAIL	179900 lbs S		MAX RAIC.	21.2 DI 191	Wax 1 1033ule.	_,000   01
	Initial Annulus Pressure:			Appulus Prossura	0	Pump Down Volume	
			rmai <i>F</i>	Annulus Pressure:		Pump Down Volume:	4 000 001
	PreFrac SICP:		7 <u></u> 2>		760 PSI	Base BBLS to Recover:	4,680 BBLs
	Pseudo Frac Gradient:	0.559 PSI/FT	Pseu				
				Net Pressure:	-695 psi	Total BBLS to Recover:	4,680 BBLs
	Breakdown Pressure:	1170		Breakdown Rate:		Perfs Open:	
	ScreenOut:			Tracer:		50 manufer data (2001 - 2000 -	
Zones:	Perf Date	896778	SPF	. 10001.		erf Interval: From	То
12	12/20/2013	-			<u> </u>	5,837	5,838
11	12/20/2013		3			5,851	5,852
10	12/20/2013		3			5,913	5,914
9	12/20/2013		3			5,929	5,930
l ĕ	12/20/2013		3			5,942	5,943
l ž	12/20/2013		3			5,952	5,953
6	12/20/2013		3			5,974	5,975
5	12/20/2013		3			5,986	5,987
4	12/20/2013		3			5,998	5,999
3	12/20/2013		ფოფოფოფოფო			6,014	6,015
9 8 7 6 5 4 3 2	12/20/2013		3			6,035	6,036
I M	12/20/2013		3			6,051	6,052

2/3/2014 1:17 PM

Initial Completion		Zones: 10 9 8 7 6 5	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient: Breakdown Pressure: ScreenOut: Perf Date 12/20/2013 12/20/2013 12/20/2013 12/20/2013	193,800 lbs to 193800 lbs Sa 12 1,819 PSI 0.703 PSI/FT 2419 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	8 1,562 PSI 13.516 LB/ -281 psi 9.4 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 5,557 5,571 5,606 5,648	3,323 PSI 4,558 BBI 27 To 5,558 5,572 5,607 5,649
Initial Annulus Pressure:   12   Prepara SICP:   1,819 PSI   Pseudo Frac Gradient:   10.703 PSI/FT   Pseudo Frac Gradient:   13.516 LB/GAL   Perfs Open:   27.562 PSI   Base BBLS to Recover:   4,55 PSI   Pseudo Frac Gradient:   13.516 LB/GAL   Perfs Open:   27.562 PSI   Pseudo Frac Gradient:   13.516 LB/GAL   Perfs Open:   27.562 PSI   Pseudo Frac Gradient:   13.516 LB/GAL   Perfs Open:   27.562 PSI   Pseudo Frac Gradient:   13.516 LB/GAL   Perfs Open:   27.562 PSI   Pseudo Frac Gradient:   13.516 LB/GAL   Perfs Open:   27.562 PSI   Pseudo Frac Gradient:   13.516 LB/GAL   Perfs Open:   27.562 PSI   Pseudo Frac Gradient:   13.516 LB/GAL   Perfs Open:   27.562 PSI   Pseudo Frac Gradient:   13.516 LB/GAL   Perfs Open:   27.562 PSI   Pseudo Frac Gradient:   13.516 LB/GAL   Perfs Open:   27.562 PSI   Pseudo Frac Gradient:   10.350 lbs Sand   Perfs Open:   27.562 PSI   Pseudo Frac Gradient:   10.350 lbs Sand   Perf Date	Pump Down Volume:   12	10 9 8 7 6 5	PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/20/2013 12/20/2013 12/20/2013 12/20/2013	12 1,819 PSI 0.703 PSI/FT 2419 No	Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr SPF	ISIP: adient: ssure: Rate:	1,562 PSI 13.516 LB/ -281 psi 9.4 (None)	Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 5,557 5,571 5,606 5,648	4,558 BBI 4,558 BBI 27 To 5,558 5,572 5,607 5,649
PreFrac SICP   1,819 PS   Pseudo Frac Gradient   Pseudo Frac Gradi	SICP: 1,819 PS    SIP: 1,562 PS  Base BBLS to Recover: 4,558 BBLs adient: 0.703 PSI/FT	10 9 8 7 6 5	PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/20/2013 12/20/2013 12/20/2013 12/20/2013	1,819 PSI 0.703 PSI/FT 2419 No	Pseudo Frac Gr Net Pre Breakdowr SPF	ISIP: adient: ssure: Rate:	1,562 PSI 13.516 LB/ -281 psi 9.4 (None)	Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 5,557 5,571 5,606 5,648	4,558 BBI 4,558 BBI 27 To 5,558 5,572 5,607 5,649
Pseudo Frac Gradient   0.703 PSI/FT   Pseudo Frac Gradient   13.516 LB/GAL   Net Pressure   2.281 psi   Total BBLS to Recover   2.75 cseenOut   No	Addient	10 9 8 7 6 5	Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/20/2013 12/20/2013 12/20/2013 12/20/2013	0.703 PSI/FT 2419 No	Net Pre Breakdowr SPF	adient: ssure: Rate:	13.516 LB/ -281 psi 9.4 (None)	GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 5,557 5,571 5,606 5,648	4,558 BBI 27 To 5,558 5,572 5,607 5,649
Net Pressure   281 psi   Total BBL Sto Recover   4,5 psi   2419   Perf Open   27	Net Pressure   2419   Breakdown Rate   9.4   Perfs Open   27	10 9 8 7 6 5	Breakdown Pressure:	2419 No	Net Pre Breakdowr SPF	ssure: Rate:	-281 psi 9.4 (None)	Total BBLS to Recover: Perfs Open:  erf Interval: From 5,557 5,571 5,606 5,648	To 5,558 5,572 5,607 5,649
Breakdown Pressure: 2419	Breakdown Rate:   9.4   Perfs Open:   27	10 9 8 7 6 5	ScreenOut: Perf Date 12/20/2013 12/20/2013 12/20/2013 12/20/2013	No	Breakdowr SPF_	Rate:	9.4 (None)	Perfs Open: erf Interval: From 5,557 5,571 5,606 5,648	To 5,558 5,572 5,607 5,649
ScreenOut: No	Perf   No	10 9 8 7 6 5	ScreenOut: Perf Date 12/20/2013 12/20/2013 12/20/2013 12/20/2013	No	SPF_		(None)	erf Interval: From 5,557 5,571 5,606 5,648	To 5,558 5,572 5,607 5,649
	SPF   Perf Interval; From   To   5,557   5,558   3   3   5,571   5,572   5,572   5,573   5,573   5,574   5,571   5,572   5,648   5,649   5,648   5,649   5,724   5,725   5,767   5,767   5,767   5,768   5,7	10 9 8 7 6 5	12/20/2013 12/20/2013 12/20/2013 12/20/2013		SPF_			5,557 5,571 5,606 5,648	5,558 5,572 5,607 5,649
9	Section   Sect	9 8 7 6 5	12/20/2013 12/20/2013 12/20/2013		3 3 3 3 3			5,571 5,606 5,648	5,572 5,607 5,649
Stage 5	Same   12/20/2013	8 7 6 5	12/20/2013 12/20/2013		3 3 3 3			5,606 5,648	5,607 5,649
Stage 5	Same   12/20/2013		12/20/2013		3 3 3			5,648	5,649
Stage 5	Same   12/20/2013				3				
Stage 5	Second   12/20/2013							2,3,3	
Stage 5	Second   12/20/2013	1			3			5,687 5,724	
Stage 5	Second   12/20/2013			1010000	3				
Stage 5	Avg Rate   58.5 BPM	abr amerr i		4940000					
Initial Completion	Depart   100,350	1 Ctara E		10/00/0012		. m_1	EO E DOM		
100350   bs   Sant	100350   bs Sand   essure:   0								
Initial Annulus Pressure:   PreFrac SICP:   1,762 PSI   Pseudo Frac Gradient:   1,764 PSI   Pseudo F	Since   1,762 PS    Since   1,763 PS    Since   1,763 PS    Since   1,763 PS    Since   1,763 PS    Since   1,763 PS    Since   1,763 PS    Since   1,763 PS    Since   1,764 PS    Sinc	miliai Completi	оп Рюррапі.			. каш.	01.4 DPIVI	iviax Pressure.	3,902 PSI
PreFrac SICP: 1,762 PS    Pseudo Frac Gradient: 0.805 PSI/FT   Pseudo Frac Gradient: 15.477 LB/GAL   Net Pressure: -64 psi   Total BBLS to Recover: 2,54 psi   Total BBLS to R	SICP: 1,762 PS    Pseudo Frac Gradient:   Net Pressure:   Pseudo Frac Gradient:   Pseudo Frac Gradient:   Net Pressure:   Pseudo Frac Gradient:   Pseudo Frac Gradient:   Net Pressure:   Pseudo Frac Gradient:   Pseudo Frac Gradient:   None   Perf Interval:   From   To   Pseudo Frac Gradient:   Tseudo Frac Gradient:   Pseudo Frac Gradient:   Net Pressure:   Pseudo Frac Gradient:   Net Pressure:   Pseudo Frac Gradient:   Net Pressure:   Pseudo Frac Gradient:   None   N		Initial Annulus Pressure			SSUITE.	0	Pump Down Volume:	
Pseudo Frac Gradient   Pseudo Frac Gradient   Pseudo Frac Gradient   Net Pressure: 64 psi   Total BBLS to Recover: 2,54 psi   Pseudo Frac Gradient   Net Pressure: 64 psi   Total BBLS to Recover: 2,54 psi   Pseudo Frac Gradient   Net Pressure: 64 psi   Total BBLS to Recover: 2,54 psi   Pseudo Frac Gradient   Net Pressure: 64 psi   Total BBLS to Recover: 2,54 psi   Pseudo Frac Gradient   Net Pressure: 64 psi   Total BBLS to Recover: 2,54 psi   Total BBLS to Recover: 2,54 psi   None)    Zones:	Addient								
Net Pressure	Net Pressure				Pseudo Frac Gr				www.u.s.s.s.s.s.s.s.s.s.s.s.s.s.s.s.s.s.
Zones:         Perf Date         SPF         Perf Interval:         From         To           10         12/20/2013         3         5,347         5,337         5,337         5,357           8         12/20/2013         3         5,349         5,366         5,366         5,366         5,366         5,366         5,380         5,381         5,380         5,381         5,380         5,381         6,361         5,380         5,381         6         12/20/2013         3         5,380         5,381         5,380         5,381         6,361         5,380         5,381         6         5,380         5,381         6,361         5,380         5,381         6,361         5,380         5,381         6,361         5,380         5,381         6,361         5,380         5,381         6,361         5,380         5,381         6,381         6,301         6,301         6,301         6,301         6,301         6,301         6,301         6,401         6,401         6,401         6,401         6,401         6,401         6,401         6,502         6,502         6,502         6,502         6,502         6,502         6,502         6,502         6,502         6,502         6,502         6,502         6,502	No				Net Pre	ssure:	-64 psi	Total BBLS to Recover:	
Zones:         Perf Date         SPF         Perf Interval:         From         To           10         12/20/2013         3         5,337         5,337         5,337         5,337         5,337         5,337         5,337         5,337         5,337         5,339         5,349         5,349         5,389         5,366         5,366         5,366         5,366         5,366         5,366         5,366         5,366         5,366         5,389         5,484         5,489         2,489         2,489         2,489         2,489         2,489	SPF							Perfs Open:	31
10	\$\begin{array}{cccccccccccccccccccccccccccccccccccc	-				racer:			g <del></del>
9 12/20/2013 3 3 5,366 5	Signature   Sign			·	The state of the s		P	The state of the s	Alexander (Art. 2007) has
1         12/20/2013         3         5,524         5,524         5,524           Stage 6         Frac Date:         12/21/2013         Avg Rate:         60.0 BPM         Avg Pressure:         2,63           Initial Completion         Proppant:         127,810 lbs total         Max Rate:         63.0 BPM         Max Pressure:         2,94           Initial Annulus Pressure:         0         Final Annulus Pressure:         3         Pump Down Volume:         2,86           Pseudo Frac Gradient:         1,654 PSI         ISIP:         1,537 PSI         Base BBLS to Recover:         2,86           Pseudo Frac Gradient:         0.731 PSI/FT         Pseudo Frac Gradient:         14.060 LB/GAL         Total BBLS to Recover:         2,86           Breakdown Pressure:         3388         Breakdown Rate:         17.1         Perfs Open:         32           ScreenOut:         No         Tracer:         (None)         Perf Interval:         From         To           11         12/21/2013         3         4,849         4,850	S				3			5,337 5,349	
1         12/20/2013         3         5,524         5,524         5,524           Stage 6         Frac Date:         12/21/2013         Avg Rate:         60.0 BPM         Avg Pressure:         2,63           Initial Completion         Proppant:         127,810 lbs total         Max Rate:         63.0 BPM         Max Pressure:         2,94           Initial Annulus Pressure:         0         Final Annulus Pressure:         3         Pump Down Volume:         2,86           Pseudo Frac Gradient:         1,654 PSI         ISIP:         1,537 PSI         Base BBLS to Recover:         2,86           Pseudo Frac Gradient:         0.731 PSI/FT         Pseudo Frac Gradient:         14.060 LB/GAL         14.060 LB/GAL         Verification Perfs Open:         32           Breakdown Pressure:         3388         Breakdown Rate:         17.1         Perfs Open:         32           ScreenOut:         No         Tracer:         (None)         Perf Interval:         From         To           11         12/21/2013         3         4,849         4,850	S	8			3			5,366	
1         12/20/2013         3         5,524         5,524         5,524           Stage 6         Frac Date:         12/21/2013         Avg Rate:         60.0 BPM         Avg Pressure:         2,63           Initial Completion         Proppant:         127,810 lbs total         Max Rate:         63.0 BPM         Max Pressure:         2,94           Initial Annulus Pressure:         0         Final Annulus Pressure:         3         Pump Down Volume:         2,86           Pseudo Frac Gradient:         1,654 PSI         ISIP:         1,537 PSI         Base BBLS to Recover:         2,86           Pseudo Frac Gradient:         0.731 PSI/FT         Pseudo Frac Gradient:         14.060 LB/GAL         14.060 LB/GAL         Verification Perfs Open:         32           Breakdown Pressure:         3388         Breakdown Rate:         17.1         Perfs Open:         32           ScreenOut:         No         Tracer:         (None)         Perf Interval:         From         To           11         12/21/2013         3         4,849         4,850	S	7			3			5,380	5,381
1         12/20/2013         3         5,524         5,524         5,524           Stage 6         Frac Date:         12/21/2013         Avg Rate:         60.0 BPM         Avg Pressure:         2,63           Initial Completion         Proppant:         127,810 lbs total         Max Rate:         63.0 BPM         Max Pressure:         2,94           Initial Annulus Pressure:         0         Final Annulus Pressure:         3         Pump Down Volume:         2,96           PreFrac SICP:         1,654 PSI         ISIP:         1,537 PSI         Base BBLS to Recover:         2,86           Pseudo Frac Gradient:         0.731 PSI/FT         Pseudo Frac Gradient:         14.060 LB/GAL         Total BBLS to Recover:         2,86           Breakdown Pressure:         3388         Breakdown Rate:         17.1         Perfs Open:         32           ScreenOut:         No         Tracer:         (None)           Zones:         Perf Date         SPF         Perf Interval:         From         To           11         12/21/2013         3         4,849         4,850	S	6			3			5,389 5.405	
1         12/20/2013         3         5,524         5,524         5,524           Stage 6         Frac Date:         12/21/2013         Avg Rate:         60.0 BPM         Avg Pressure:         2,63           Initial Completion         Proppant:         127,810 lbs total         Max Rate:         63.0 BPM         Max Pressure:         2,94           Initial Annulus Pressure:         0         Final Annulus Pressure:         3         Pump Down Volume:         2,86           Pseudo Frac Gradient:         1,654 PSI         ISIP:         1,537 PSI         Base BBLS to Recover:         2,86           Pseudo Frac Gradient:         0.731 PSI/FT         Pseudo Frac Gradient:         14.060 LB/GAL         14.060 LB/GAL         Verification Perfs Open:         32           Breakdown Pressure:         3388         Breakdown Rate:         17.1         Perfs Open:         32           ScreenOut:         No         Tracer:         (None)         Perf Interval:         From         To           11         12/21/2013         3         4,849         4,850	S	4			3			5,477	
1         12/20/2013         3         5,524         5,524         5,524           Stage 6         Frac Date:         12/21/2013         Avg Rate:         60.0 BPM         Avg Pressure:         2,63           Initial Completion         Proppant:         127,810 lbs total         Max Rate:         63.0 BPM         Max Pressure:         2,94           Initial Annulus Pressure:         0         Final Annulus Pressure:         3         Pump Down Volume:         2,86           Pseudo Frac Gradient:         1,654 PSI         ISIP:         1,537 PSI         Base BBLS to Recover:         2,86           Pseudo Frac Gradient:         0.731 PSI/FT         Pseudo Frac Gradient:         14.060 LB/GAL         Total BBLS to Recover:         2,86           Breakdown Pressure:         3388         Breakdown Rate:         17.1         Perfs Open:         32           ScreenOut:         No         Tracer:         (None)         Perf Interval:         From         To           11         12/21/2013         3         4,849         4,850	S	3			3			5,484	5,485
Stage 6         Frac Date:         12/21/2013         Avg Rate:         60.0 BPM         Avg Pressure:         2,63           Initial Completion         Proppant:         127,810 lbs total         Max Rate:         63.0 BPM         Max Pressure:         2,94           Initial Annulus Pressure:         0         Final Annulus Pressure:         3         Pump Down Volume:         2,86           Pseudo Frac Gradient:         1,654 PSI         ISIP:         1,537 PSI         Base BBLS to Recover:         2,86           Pseudo Frac Gradient:         0.731 PSI/FT         Pseudo Frac Gradient:         14.060 LB/GAL         Net Pressure:         -358 psi         Total BBLS to Recover:         2,86           Breakdown Pressure:         3388         Breakdown Rate:         17.1         Perfs Open:         32           ScreenOut:         No         Tracer:         (None)           Zones:         Perf Date         SPF         Perf Interval:         From         To           11         12/21/2013         3         4,849         4,850	Avg Rate: 60.0 BPM	2			3				
Initial Completion Proppant: 127,810 lbs total Max Rate: 63.0 BPM Max Pressure: 2,94 127810 lbs Sand  Initial Annulus Pressure: 0 Final Annulus Pressure: 3 Pump Down Volume: PreFrac SICP: 1,654 PSI ISIP: 1,537 PSI Base BBLS to Recover: 2,86 Pseudo Frac Gradient: 0.731 PSI/FT Pseudo Frac Gradient: 14.060 LB/GAL  Net Pressure: -358 psi Total BBLS to Recover: 2,86 Breakdown Pressure: 3388 Breakdown Rate: 17.1 Perfs Open: 32 ScreenOut: No Tracer: (None)  Zones: Perf Date SPF Perf Interval: From To 11 12/21/2013 3 4,849 4,850	Oppant:       127,810 lbs total 127810 lbs Sand       Max Rate:       63.0 BPM       Max Pressure:       2,946 PSI         essure:       0       Final Annulus Pressure:       3       Pump Down Volume:       2,868 BBLs         essure:       1,654 PSI       ISIP:       1,537 PSI       Base BBLS to Recover:       2,868 BBLs         eadient:       0.731 PSI/FT       Pseudo Frac Gradient:       14.060 LB/GAL       Total BBLS to Recover:       2,868 BBLs         essure:       3388       Breakdown Rate:       17.1       Perfs Open:       32         eenOut:       No       Tracer:       (None)         BR       1       Perf Interval:       From       Total From         4,849       4,850	2009/00	THE CASE ADDRESS OF THE COLUMN TO	12/21/2013					
127810 lbs Sand	127810 lbs Sand     127810 lbs Sand				AVC	Rate:	60.0 BPM		
PreFrac SICP: 1,654 PSI	SICP: 1,654 PSI		on Proppant:						
Pseudo Frac Gradient: 0.731 PSI/FT   Pseudo Frac Gradient: 14.060 LB/GAL   Net Pressure: -358 psi   Total BBLS to Recover: 2,86	Net Pressure: -358 psi   Total BBLS to Recover: 2,868 BBLs		on Proppant:	127,810 lbs to	tal Max				
Net Pressure: -358 psi   Total BBLS to Recover: 2,86	Net Pressure: -358 psi   Total BBLS to Recover: 2,868 BBLs		Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0	tal Max nd	Rate:	63.0 BPM 3	Max Pressure: Pump Down Volume:	2,946 PSI
Breakdown Pressure:         3388         Breakdown Rate:         17.1         Perfs Open:         32           ScreenOut:         No         Tracer:         (None)           Zones:         Perf Date         SPF         Perf Interval:         From         To           11         12/21/2013         3         4,849         4,850	Perfs Open:         32           PenOut:         No         Tracer:         (None)           SPF         Perf Interval:         From         To           3         4,849         4,850		Initial Annulus Pressure: PreFrac SICP:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI	tal Max nd Final Annulus Pre	Rate: ssure: ISIP:	63.0 BPM 3 1,537 PSI	Max Pressure: Pump Down Volume: Base BBLS to Recover:	2,946 PSI
ScreenOut: No         Tracer: (None)           Zones:         Perf Date         SPF         Perf Interval: From         To           11         12/21/2013         3         4,849         4,850	renOut:         No         Tracer:         (None)           SPF         Perf Interval:         From         To           3         4,849         4,850		Initial Annulus Pressure: PreFrac SICP:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI	tal Max nd Final Annulus Pre Pseudo Frac Gr	Rate: ssure: ISIP: adient:	63.0 BPM 3 1,537 PSI 14.060 LB/	Max Pressure: Pump Down Volume: Base BBLS to Recover:	2,946 PSI 2,868 BBI
Zones:         Perf Date         SPF         Perf Interval:         From         To           11         12/21/2013         3         4,849         4,850	SPF Perf Interval: From To 4,849 4,850		Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT	tal Max nd Final Annulus Pre Pseudo Frac Gr: Net Pre	ssure: ISIP: adient: ssure:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi	Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover:	2,946 PSI 2,868 BBI 2,868 BBI
11 12/21/2013 3 4,849 4,850	3 4,849 4,850		Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient: Breakdown Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1	Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover:	2,946 PSI 2,868 BBI 2,868 BBI
10 12/21/2013 3 4,870 4,877 9 12/21/2013 3 4,887 4,888	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Zones:	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient: Breakdown Pressure: ScreenOut:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure: Pump Down Volume: Base BBLS to Recover: 'GAL Total BBLS to Recover: Perfs Open:	2,868 BBI 2,868 BBI 32
9 12/21/2013 3 4,887 4,888	<b>3</b> 4,870 4,872		Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient: Breakdown Pressure: ScreenOut: Perf Date	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:	2,946 PSI 2,868 BBI 2,868 BBI 32
8 12/21/2013 3 4.049	3 4.887 4.888	11 10	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient: Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870	2,946 PSI 2,868 BBI 2,868 BBI 32 To 4,850 4,872
7 12/21/2013 3 4,913 4,914 7 12/21/2013 3 4,972 4,973	3 4,049 4,044	11 10 9	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient: Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887	2,946 PSI 2,868 BBI 32 To 4,850 4,872 4,888
6 12/21/2013 3 4,989 4,990	3 4,913 4,914 3 4,972 4,973	11 10 9	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient: Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: 'GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913	2,946 PSI 2,868 BBI 32 To 4,850 4,872 4,888 4,914
5 12/21/2013 3 5,049 5,050 4 12/21/2013 3 5,090 5,000	3 4,913 4,914 3 4,972 4,973 3 4,989 4,990	11 10 9 8 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,913 4,972 4,989	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990
3 12/21/2013 3 5,009 5,009 3 12/21/2013 3 5,100 5,102	3 4,913 4,914 3 4,972 4,973 3 4,989 4,990 3 5,049 5,050 3 5,089 5,090	11 10 9 8 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049	2,946 PSI 2,868 BBI 32 To 4,850 4,872 4,888 4,914 4,973 4,990 5,050
	3 4,913 4,914 3 3 4,972 4,973 3 4,989 4,990 3 5,049 5,050 3 5,089 5,090 3 5,100 5,102	11 10 9 8 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,089	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090
t terminents a strati		11 10 9 8 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Grac Net Pre Breakdowr SPF 3 3 3 3 3 3 3 3	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130	2,946 PSI 2,868 BBI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131
Stage / Frac Date: 12/21/2015 Avg Rate: 48.6 BPM Avg Pressure: 1,86	3 5,151 5,152	11 10 9 8 7 6 5 4 3 2 1	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Grac Net Pre Breakdowr SPF 3 3 3 3 3 3 3 3 3 3	ssure: ISIP: adient: ssure: Rate: racer:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,049 5,049 5,100 5,130 5,151	2,946 PSI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152
Initial Completion Proposity 132 430 lbs total May Potest 56 2 DDM May Proposity 2 20	3 5,151 5,152 c Date: 12/21/2013 Avg Rate: 48.6 BPM Avg Pressure: 1,869 PSI	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Maxind Ind Final Annulus Pre Pseudo Frac Grace Net Pre Breakdowr  SPF  3 3 3 3 3 3 3 3 3 3 Avg	ssure: ISIP: adient: ssure: Rate: racer:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) PI	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,049 5,049 5,049 5,049 5,100 5,130 5,151 Avg Pressure:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152 1,869 PSI
TO AND THE PROPERTY OF THE PARTY  B     3     5,151     5,152       c Date: 12/21/2013     Avg Rate: 48.6 BPM     Avg Pressure: 1,869 PSI       oppant: 132,430 lbs total     Max Rate: 56.3 BPM     Max Pressure: 2,206 PSI	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Maxind Ind Final Annulus Pre Pseudo Frac Grace Net Pre Breakdowr  SPF  3 3 3 3 3 3 3 3 4 3 Avg tal Maxing	ssure: ISIP: adient: ssure: Rate: racer:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) PI	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,049 5,049 5,049 5,049 5,100 5,130 5,151 Avg Pressure:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152 1,869 PSI	
132430 lbs Sand	3 5,151 5,152 c Date: 12/21/2013 Avg Rate: 48.6 BPM Avg Pressure: 1,869 PSI pppant: 132,430 lbs total Max Rate: 56.3 BPM Max Pressure: 2,206 PSI 132430 lbs Sand	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 	tal Maxind Ind Final Annulus Pre Pseudo Frac Grace Net Pre Breakdowr  SPF  3 3 3 3 3 3 3 3 4 4 Maxind	ssure: ISIP: adient: ssure: Rate: racer:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) Polymer Psi 48.6 BPM 56.3 BPM	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151  Avg Pressure: Max Pressure:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,050 5,102 5,131 5,152  1,869 PSI 2,206 PSI
132430 lbs Sand Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume:	3   5,151   5,152	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0	tal Maxind Ind Final Annulus Pre Pseudo Frac Grac Net Pre Breakdowr  SPF  3 3 3 3 3 3 3 3 4 3 Avg tal Maxind Final Annulus Pre	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: ssure: Rate: ssure:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) Polymer Psi 48.6 BPM 56.3 BPM	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152  1,869 PSI 2,206 PSI
132430 lbs Sand Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume:	3   5,151   5,152	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 I2/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI	tal Maxind Ind Final Annulus Presented Frac Grace Pseudo Frac Grace Ret Presented Frace Breakdowr  SPF  3 3 3 3 3 3 3 3 4 4 5 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: ssure: IRate: Rate: ssure: ISIP:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) Polymer Psi 48.6 BPM 56.3 BPM 0 1,373 PSI	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152  1,869 PSI 2,206 PSI
132430 lbs Sand Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume: PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01 Pseudo Frac Gradient: 0.718 PSI/FT Pseudo Frac Gradient: 13.805 LB/GAL Net Pressure: Total BBLS to Recover: 3,01	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 I2/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI	tal Maxind Ind Final Annulus Pre Pseudo Frac Grac Ret Pre Breakdowr  SPF 3 3 3 3 3 3 3 3 4 4 5 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)  48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/	Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,102 5,131 5,152 1,869 PSI 2,206 PSI  3,015 BBI
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132430 lbs Sand  Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume:  PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01  Pseudo Frac Gradient: 0.718 PSI/FT Pseudo Frac Gradient: 13.805 LB/GAL  Net Pressure: Total BBLS to Recover: 3,01  Breakdown Pressure: 1340 Breakdown Rate: 11.2 Perfs Open: 26  ScreenOut: No Tracer: (None)	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completic	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 Erac Date: Proppant: Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient: Breakdown Pressure: ScreenOut:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Reakdowr  SPF 3 3 3 3 3 3 3 4 3 4 5 5 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/-358 psi 17.1 (None)  48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152  1,869 PSI 2,206 PSI  3,015 BBI 3,015 BBI 26
Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume:  PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01  Pseudo Frac Gradient: 0.718 PSI/FT Pseudo Frac Gradient: 13.805 LB/GAL  Net Pressure: Total BBLS to Recover: 3,01  Breakdown Pressure: 1340 Breakdown Rate: 11.2 Perfs Open: 26  ScreenOut: No Tracer: (None)  Zones: Perf Date SPF Perf Interval: From To	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 Erac Date: Proppant: Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/-358 psi 17.1 (None)  48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152  1,869 PSI 2,206 PSI  3,015 BBI  3,015 BBI 26  To
Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume: PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01 Pseudo Frac Gradient: 0.718 PSI/FT Pseudo Frac Gradient: 13.805 LB/GAL Net Pressure: Total BBLS to Recover: 3,01 Breakdown Pressure: 1340 Breakdown Rate: 11.2 Perfs Open: 26 ScreenOut: No Tracer: (None) Zones: Perf Date SPF Perf Interval: From To	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 Erac Date: Proppant: Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/13/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/-358 psi 17.1 (None)  48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151  Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,102 5,131 5,152  1,869 PSI 2,206 PSI  3,015 BBI 26  To 4,641
132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 Erac Date: Proppant:  Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/13/2013 12/13/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/-358 psi 17.1 (None)  48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,102 5,131 5,152  1,869 PSI 2,206 PSI  3,015 BBI 3,015 BBI 26  To 4,641 4,652
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132430 lbs Sand     1324	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: 'GAL  Total BBLS to Recover: Perfs Open:  erf Interval: From  4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,089 5,100 5,130 5,151  Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684 4,708 4,708 4,708 4,708	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,102 5,131 5,152  1,869 PSI  2,206 PSI  3,015 BBI  3,015 BBI 26  To  4,641 4,652 4,676 4,685 4,709 4,722
132430 lbs Sand     132430 lbs Sand     132430 lbs Sand       132430 lbs Sand       132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,151  Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684 4,708 4,721 4,738 4,759	2,868 BBI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152  1,869 PSI 2,206 PSI 3,015 BBI 26  To 4,641 4,652 4,676 4,685 4,709 4,722 4,739 4,760
132430 lbs Sand     1324	Solution   Column	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684 4,708 4,721 4,738 4,759 4,771	2,868 BBI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,152 1,869 PSI 2,206 PSI 3,015 BBI 2,206 PSI 3,015 BBI 26  To 4,641 4,652 4,676 4,685 4,709 4,772 4,739 4,760 4,772
8 12/21/2013 3 4.012 4.014	) 4.888 4.888	11 10	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient: Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870	2,946 PSI 2,868 BBI 2,868 BBI 32 To 4,850 4,872
7 12/21/2013 3 4,972 4,973	3 4,913 4,914	11 10 9	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient: Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: 'GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913	2,946 PSI 2,868 BBI 32 To 4,850 4,872 4,888 4,914
5 12/21/2013 3 4,999 4,999 5 12/21/2013 3 5.040 5.050	3 4,913 4,914 3 4,972 4,973	11 10 9 8 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973
4 12/21/2013 3 5.089 5.089	3 4,913 4,914 3 4,972 4,973 3 4,989 4,990 3 5,049 5,050	11 10 9 8 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990
3 12/21/2013 3 5.100 5.100	3 4,913 4,914 3 4,972 4,973 3 4,989 4,990 3 5,049 5,050 3 5,089 5,090	11 10 9 8 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,089	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090
2 12/21/2013 3 5.130 5.130 5.130	3     4,913     4,914       3     4,972     4,973       3     4,989     4,990       3     5,049     5,050       3     5,089     5,090       3     5,100     5,102	11 10 9 8 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Gr Net Pre Breakdowr	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100	2,946 PSI 2,868 BBI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102
		11 10 9 8 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Grac Net Pre Breakdowr SPF 3 3 3 3 3 3 3 3	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100	2,946 PSI 2,868 BBI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102
1 1777,1777 5 51,177		11 10 9 8 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Grac Net Pre Breakdowr SPF 3 3 3 3 3 3 3 3	ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130	2,946 PSI 2,868 BBI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131
চtage /	3 5,151 5,152	11 10 9 8 7 6 5 4 3 2 1	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Grac Net Pre Breakdowr SPF 3 3 3 3 3 3 3 3 3 3	ssure: ISIP: adient: ssure: Rate: racer:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,049 5,049 5,100 5,130 5,151	2,946 PSI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152
	3 5,151 5,152	11 10 9 8 7 6 5 4 3 2 1	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Max nd Final Annulus Pre Pseudo Frac Grac Net Pre Breakdowr SPF 3 3 3 3 3 3 3 3 3 3	ssure: ISIP: adient: ssure: Rate: racer:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,049 5,049 5,100 5,130 5,151	2,946 PSI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152
Initial Completion Proposity 422 420 No total NA D-t CO 2 DDM NA D CO 2 DDM	3 5,151 5,152 c Date: 12/21/2013 Avg Rate: 48.6 BPM Avg Pressure: 1,869 PSI	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Maxind Ind Final Annulus Pre Pseudo Frac Grace Net Pre Breakdowr  SPF  3 3 3 3 3 3 3 3 3 3 Avg	ssure: ISIP: adient: ssure: Rate: racer:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) PI	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,049 5,049 5,049 5,049 5,100 5,130 5,151 Avg Pressure:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152 1,869 PSI
	B         3         5,151         5,152           c Date:         12/21/2013         Avg Rate:         48.6 BPM         Avg Pressure:         1,869 PSI           oppant:         132,430 lbs total         Max Rate:         56.3 BPM         Max Pressure:         2,206 PSI	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Maxind Ind Final Annulus Pre Pseudo Frac Grace Net Pre Breakdowr  SPF  3 3 3 3 3 3 3 3 4 3 Avg tal Maxing	ssure: ISIP: adient: ssure: Rate: racer:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) PI	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,049 5,049 5,049 5,049 5,100 5,130 5,151 Avg Pressure:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152 1,869 PSI
	B         3         5,151         5,152           c Date:         12/21/2013         Avg Rate:         48.6 BPM         Avg Pressure:         1,869 PSI           oppant:         132,430 lbs total         Max Rate:         56.3 BPM         Max Pressure:         2,206 PSI	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No	tal Maxind Ind Final Annulus Pre Pseudo Frac Grace Net Pre Breakdowr  SPF  3 3 3 3 3 3 3 3 4 3 Avg tal Maxing	ssure: ISIP: adient: ssure: Rate: racer:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) PI	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,049 5,049 5,049 5,049 5,100 5,130 5,151 Avg Pressure:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152 1,869 PSI
132430 lbs Sand	3 5,151 5,152  c Date: 12/21/2013 Avg Rate: 48.6 BPM Avg Pressure: 1,869 PSI pppant: 132,430 lbs total Max Rate: 56.3 BPM Max Pressure: 2,206 PSI 132430 lbs Sand	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 	tal Maxind Ind Final Annulus Pre Pseudo Frac Grace Net Pre Breakdowr  SPF  3 3 3 3 3 3 3 3 4 4 Maxind	ssure: ISIP: adient: ssure: Rate: racer:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) Polymer Psi 48.6 BPM 56.3 BPM	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151  Avg Pressure: Max Pressure:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,050 5,102 5,131 5,152  1,869 PSI 2,206 PSI
132430 lbs Sand Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume:	3   5,151   5,152	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0	tal Maxind Ind Final Annulus Pre Pseudo Frac Grac Net Pre Breakdowr  SPF  3 3 3 3 3 3 3 3 4 3 Avg tal Maxind Final Annulus Pre	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: ssure: Rate: ssure:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) Polymer Psi 48.6 BPM 56.3 BPM	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152  1,869 PSI 2,206 PSI
132430 lbs Sand Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume: PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01	3   5,151   5,152	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 I2/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI	tal Maxind Ind Final Annulus Presented Frac Grace Pseudo Frac Grace Ret Presented Frace Breakdowr  SPF  3 3 3 3 3 3 3 3 4 4 5 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: ssure: IRate: Rate: ssure: ISIP:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None) Polymer Psi 48.6 BPM 56.3 BPM 0 1,373 PSI	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152  1,869 PSI 2,206 PSI
132430 lbs Sand Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume: PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01 Pseudo Frac Gradient: 0.718 PSI/FT Pseudo Frac Gradient: 13.805 LB/GAL	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 I2/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI	tal Maxind Ind Final Annulus Pre Pseudo Frac Grac Net Pre Breakdowr  SPF 3 3 3 3 3 3 3 3 4 4 5 5 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: Rate: ISIP: adient:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po  48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/-	Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,102 5,131 5,152 1,869 PSI 2,206 PSI  3,015 BBI
132430 lbs Sand Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume: PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01 Pseudo Frac Gradient: 0.718 PSI/FT Pseudo Frac Gradient: 13.805 LB/GAL Net Pressure: Total BBLS to Recover: 3,01	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 I2/21/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI	tal Maxind Ind Final Annulus Pre Pseudo Frac Grac Ret Pre Breakdowr  SPF 3 3 3 3 3 3 3 3 4 4 5 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure:	63.0 BPM 3 1,537 PSI 14.060 LB/ -358 psi 17.1 (None)  48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152 1,869 PSI 2,206 PSI  3,015 BBI  3,015 BBI
132430 lbs Sand Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume: PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01 Pseudo Frac Gradient: 0.718 PSI/FT Pseudo Frac Gradient: 13.805 LB/GAL Net Pressure: Total BBLS to Recover: 3,01 Breakdown Pressure: 1340 Breakdown Rate: 11.2 Perfs Open: 26	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 Frac Date: On Proppant:  Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT	tal Maxind Ind Final Annulus Presented Frac Grace Reakdowr  SPF 3 3 3 3 3 3 3 3 4 4 5 5 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152 1,869 PSI 2,206 PSI  3,015 BBI  3,015 BBI
132430 lbs Sand  Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume:  PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01  Pseudo Frac Gradient: 0.718 PSI/FT Pseudo Frac Gradient: 13.805 LB/GAL  Net Pressure: Total BBLS to Recover: 3,01  Breakdown Pressure: 1340 Breakdown Rate: 11.2 Perfs Open: 26  ScreenOut: No Tracer: (None)	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 Frac Date: On Proppant:  Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Reakdowr  SPF 3 3 3 3 3 3 3 4 3 4 5 5 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,131 5,152 1,869 PSI 2,206 PSI  3,015 BBI  3,015 BBI
Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume: PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01 Pseudo Frac Gradient: 0.718 PSI/FT Pseudo Frac Gradient: 13.805 LB/GAL Net Pressure: Total BBLS to Recover: 3,01 Breakdown Pressure: 1340 Breakdown Rate: 11.2 Perfs Open: 26 ScreenOut: No Tracer: (None) Zones: Perf Date SPF Perf Interval: From To	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completic	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 Erac Date: Proppant: Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Reakdowr  SPF 3 3 3 3 3 3 3 4 3 4 5 5 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152  1,869 PSI 2,206 PSI  3,015 BBI  3,015 BBI 26  To
Initial Annulus Pressure: 0 Final Annulus Pressure: 0 Pump Down Volume:  PreFrac SICP: 1,143 PSI ISIP: 1,373 PSI Base BBLS to Recover: 3,01 Pseudo Frac Gradient: 0.718 PSI/FT Pseudo Frac Gradient: 13.805 LB/GAL  Net Pressure: Total BBLS to Recover: 3,01 Net Pressure: Total BBLS to Recover: 3,01 Breakdown Pressure: 1340 Breakdown Rate: 11.2 Perfs Open: 26 ScreenOut: No Tracer: (None)  Zones: Perf Date SPF Perf Interval: From To	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 Erac Date: Proppant: Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/13/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151  Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,102 5,131 5,152  1,869 PSI 2,206 PSI  3,015 BBI 26  To 4,641
132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 Erac Date: Proppant:  Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/13/2013 12/13/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,102 5,131 5,152  1,869 PSI 2,206 PSI  3,015 BBI 3,015 BBI 26  To 4,641 4,652
132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion  Zones: 11 10	Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 12/21/2013 Erac Date: Proppant:  Initial Annulus Pressure: PreFrac SICP: Pseudo Frac Gradient:  Breakdown Pressure: ScreenOut: Perf Date 12/13/2013 12/13/2013	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152  1,869 PSI  2,206 PSI  3,015 BBI 26  To  4,641 4,652 4,676
132430 lbs Sand     1324	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152  1,869 PSI  2,206 PSI  3,015 BBI 26  To  4,641 4,652 4,676
132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion  Zones: 11 10	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850  4,872  4,888  4,914  4,973  4,990  5,050  5,050  5,090  5,102  5,131  5,152  1,869 PSI  2,206 PSI  3,015 BBI  3,015 BBI  26  To  4,641  4,652  4,676  4,685
132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850  4,872  4,888  4,914  4,973  4,990  5,050  5,050  5,090  5,102  5,131  5,152  1,869 PSI  2,206 PSI  3,015 BBI  3,015 BBI  26  To  4,641  4,652  4,676  4,685
132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion  Zones: 11 10	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL  Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,089 5,100 5,130 5,151  Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684 4,708	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,102 5,131 5,152  1,869 PSI  2,206 PSI  3,015 BBI 3,015 BBI 26  To  4,641 4,652 4,676 4,685 4,709
132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: GAL  Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,089 5,100 5,130 5,151  Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684 4,708	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,102 5,131 5,152  1,869 PSI  2,206 PSI  3,015 BBI 3,015 BBI 26  To  4,641 4,652 4,676 4,685 4,709
132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: 'GAL  Total BBLS to Recover: Perfs Open:  erf Interval: From  4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,089 5,100 5,130 5,151  Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684 4,708 4,708 4,708 4,708	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,102 5,131 5,152  1,869 PSI  2,206 PSI  3,015 BBI  3,015 BBI 26  To  4,641 4,652 4,676 4,685 4,709 4,722
132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion  Zones: 11 10	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Max Pressure:  Pump Down Volume: Base BBLS to Recover: 'GAL  Total BBLS to Recover: Perfs Open:  erf Interval: From  4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,089 5,100 5,130 5,151  Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684 4,708 4,708 4,708 4,708	2,946 PSI  2,868 BBI  2,868 BBI  32  To  4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,102 5,131 5,152  1,869 PSI  2,206 PSI  3,015 BBI  3,015 BBI 26  To  4,641 4,652 4,676 4,685 4,709 4,722
132430 lbs Sand     132430 lbs Sand     132430 lbs Sand       132430 lbs Sand       132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,151  Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684 4,708 4,721 4,738 4,759	2,868 BBI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152  1,869 PSI 2,206 PSI 3,015 BBI 26  To 4,641 4,652 4,676 4,685 4,709 4,722 4,739 4,760
132430 lbs Sand	S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,151  Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684 4,708 4,721 4,738 4,759	2,868 BBI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152  1,869 PSI 2,206 PSI 3,015 BBI 26  To 4,641 4,652 4,676 4,685 4,709 4,722 4,739 4,760
132430 lbs Sand	Sample   S	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion  Zones: 11 10	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 3 3 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,640 4,651 4,675 4,684 4,708 4,721 4,738 4,759 4,771	2,868 BBI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,050 5,090 5,102 5,152 1,869 PSI 2,206 PSI 3,015 BBI 2,206 PSI 3,015 BBI 26  To 4,641 4,652 4,676 4,685 4,709 4,772 4,739 4,760 4,772
Initial Annulus Pressure:	Sample   Company   Compa	11 10 9 8 7 6 5 4 3 2 1 Stage 7 Initial Completion	Initial Annulus Pressure:	127,810 lbs to 127810 lbs Sa 0 1,654 PSI 0.731 PSI/FT 3388 No 12/21/2013 132,430 lbs to 132430 lbs Sa 0 1,143 PSI 0.718 PSI/FT 1340 No	tal Maxind Ind Final Annulus Presented Frac Grace Breakdowr  SPF  3 3 3 3 3 3 3 4 4 4 4 5 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ssure: ISIP: adient: ssure: Rate: racer: Rate: Rate: IRate: Rate: ssure: ISIP: adient: ssure: Rate:	63.0 BPM 3 1,537 PSI 14.060 LB/358 psi 17.1 (None)  Po 48.6 BPM 56.3 BPM 0 1,373 PSI 13.805 LB/- 11.2 (None)	Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open:  erf Interval: From 4,849 4,870 4,887 4,913 4,972 4,989 5,049 5,049 5,089 5,100 5,130 5,151 Avg Pressure: Max Pressure: Pump Down Volume: Base BBLS to Recover: GAL Total BBLS to Recover: Perfs Open: erf Interval: From 4,640 4,651 4,675 4,684 4,708 4,721 4,738 4,759 4,771 4,778	2,868 BBI 2,868 BBI 32  To 4,850 4,872 4,888 4,914 4,973 4,990 5,050 5,090 5,102 5,131 5,152 1,869 PSI 2,206 PSI 3,015 BBI 2,206 PSI 3,015 BBI 26  To 4,641 4,652 4,676 4,685 4,709 4,722 4,739 4,760 4,772 4,780

## ULTRA RESOURCES, INC. DAILY COMPLETION REPORT FOR 11/23/2013 TO 12/31/2013

Well Name	THREE RIVERS 16-32-820	Fracs Planned	7	
Location:	UINTAH County, UTAH(SWNE 16 8S 20E)	AFE# 130520		
Total Depth Date:	11/16/2013 TD 6,767	Formation:	(Not Specified)	
Production Casing:	Size 5.500 Wt 17.000 Grade J-55 Set At 6,743	GL:	KB: 0	

Date: 11/23/2	2013		<u>.</u>					
Tubing:	Multi OD String Dep	th Set: 4,603"	PB	TD:	0			
Supervisor:	(Missing)				.00.0			
Work Objective:	Build Tank Battery	Build Tank Battery						
Contractors:	(Missing)							
Completion Rig:	(Missing)		Supervis	sor Phone: (Mis	ssing)			
Upcoming Activity:	¥	*						
Costs (\$):	Daily: 0	Cum:	132,588	AFE:	0			

API Well Number Date: 11/26/20	er: 4304753494000	0				
Tubing:	Multi OD String Depth Set	: 4,603"		PBTD:	0	
Supervisor:	(Missing)					<u> </u>
Work Objective:	(Nothing Recorded)					
Contractors:	(Missing)		23			
Completion Rig:	(Missing)		Su	pervisor Phone:	(Missing)	
Upcoming Activity:	1900 9000 T		· · · · · · · · · · · · · · · · · · ·		V	
Costs (\$):	Daily: 139,384	Cum:	271,972	AFE:		0

Date: 11/27/2	2013				*		
Tubing:	Multi OD	String Depth Set	: 4,603"		PBTD:	0	
Supervisor:	(Missing)	)	2001		-10		
Work Objective:	(Nothing	(Nothing Recorded)					
Contractors:	(Missing)	(Missing)					
Completion Rig:	(Missing	)		S	upervisor Phone:	(Missing)	
Upcoming Activity:		•	-		As a series a second process of the series o	por solumno, con agricultura, solum como construido.	
Costs (\$):	Daily:	110,111	Cum:	382,083	AFE:	0	

Date: 11/29/2	013						
Tubing:	Multi OD :	String Depth Se	et: 4,603"	PE	TD:	0	
Supervisor:	(Missing)						
Work Objective:	(Nothing F	(Nothing Recorded)					
Contractors:	(Missing)						
Completion Rig:	(Missing)			Supervi	sor Phone: (Mi	ssing)	
Upcoming Activity:	72		ž		- 2		
Costs (\$):	Daily:	2,154	Cum:	384,237	AFE:	0	

Date: 12/03/:	2013		No.				
Tubing:	Multi OD String Depth Se	et: 4,603"	Ţ.	PBTD:	0		
Supervisor:	(Missing)	W.	30				
Work Objective:	(Nothing Recorded)						
Contractors:	(Missing)	(Missing)					
Completion Rig:	(Missing)		Super	visor Phone: (Mi	issing)		
Upcoming Activity:			*	×	****		
Costs (\$):	Daily: 1,233	Cum:	385,470	AFE:	0		

Date: 12/04/	2013			49.			
Tubing:	Multi OD	String Depth S	Set: 4,603"	PE	BTD:	0	
Supervisor:	Joe Dunc	can	300	-157			
Work Objective:	Logging						
Contractors:	(Missing)						
Completion Rig:	(Missing)			Supervi	sor Phone: (Mi	ssing)	
Upcoming Activity:			€:				
Costs (\$):	Daily:	0	Cum:	385,470	AFE:	0	

Date: 12/10/2	2013					
Tubing:	Multi OD String Depth Se	t: 4,603"	PBT	D:	0	
Supervisor:	(Missing)					
Work Objective:	(Nothing Recorded)					
Contractors:	(Missing)					
Completion Rig:	(Missing)		Supervis	or Phone: (Miss	ing)	
Upcoming Activity:	5 5500		**	*	16 P 18 18 18 18 18 18 18 18 18 18 18 18 18	
Costs (\$):	Daily: 1,376	Cum:	386,846	AFE:	0	

013						
Multi OD	String Depth Se	t: 4,603"	PB	TD:	0	
(Missing	)					
(Nothing	Recorded)					
(Missing	)		20			
(Missing	)		Supervis	sor Phone: (Mi	ssing)	
	St.					
Daily:	20,200	Cum:	407,046	AFE:	0	
	(Missing (Nothing (Missing (Missing	Multi OD String Depth Se (Missing) (Nothing Recorded) (Missing) (Missing)	Multi OD String Depth Set: 4,603" (Missing) (Nothing Recorded) (Missing) (Missing)	Multi OD String Depth Set: 4,603"  (Missing)  (Nothing Recorded)  (Missing)  (Missing)  Supervise	Multi OD String Depth Set: 4,603"  (Missing)  (Nothing Recorded)  (Missing)  (Missing)  Supervisor Phone: (Missing)	Multi OD String Depth Set: 4,603"  (Missing)  (Nothing Recorded)  (Missing)  (Missing)  Supervisor Phone: (Missing)

Date: 12/16/201	3	
Tubing:	Multi OD String Depth Set: 4,603"	PBTD: 0
Supervisor:	Joe Duncan	
Work Objective:	Perforating	
Contractors:	JW, C&J	
Completion Rig:	J-W	Supervisor Phone: 435-828-1472
Upcoming Activity:	Prep for frac work	
A <b>p</b> qtivities 1 Numbe: 1500-1730	r: 43047534940000 MIRU JW WLU Perf 1st stg (6289 - 6409)	
1300-1730	Second gun fr/top fired and set off to top gun out of zone.	DOU DILL and shot ton gun
Costs (\$):	T.	
Costs (\$):	Daily: 738   Cum: 407,7	04   AFE. U

Date: 12/17/2	2013			·				
Tubing:	Multi OD	String Depth Se	t: 4,603"	Ĵ	PBTD:	0		
Supervisor:	(Missing)	(Missing)						
Work Objective:	(Nothing	Recorded)						
Contractors:	(Missing)							
Completion Rig:	(Missing)			Supe	rvisor Phone: (M	lissing)		
Upcoming Activity:	762			· 22 - 74	,	20,000		
Costs (\$):	Daily:	2,291	Cum:	410,075	AFE:	0		

Date: 12/18/20	)13		**			
Tubing:	Multi OD String Depth Set	: 4,603"		PBTD:	0	
Supervisor:	Scott,Duncan	A 500-00 A 500-00	-		W	
Work Objective:	RU frac equipment				SSE:	1
Contractors:	Hallib-frac, J-W wireline, D	&M, RNI, Knight, S	Sunrise, Rig1, T&S,	3	- 111	
Completion Rig:	HAL - Blue UT, J-W	30 30 307 37	Sup	ervisor Phone:	307-350-8487	7/435-828-147
Upcoming Activity:	Perf, Frac, and Flowback					
Activities						
1800-0600	Fill and heat water tanks, F	Rig up Hal-Frac.				
Costs (\$):	Daily: 0	Cum:	410,075	AFE:	C	)

Date: 12/19/20	013		*			ì
Tubing:	Multi OD String Depth Set: 4	4,603"		PBTD:	0	
Supervisor:	Scott/Duncan	X 1-4, 110 M				
Work Objective:	Prep for frac work				SSE:	1
Contractors:	Hallib-frac, J-W wireline, D&	M, RNI, Knight, Sur	rise, Rig1, T&S		**	
Completion Rig:	HAL - Blue UT, J-W	S 8 20 00	Sup	ervisor Phone:	307-350-8487	7/435-828-147
Upcoming Activity:	Perf, Frac, and Flowback		89			
Activities						
1800-0600	Fill and heat water tanks, Rig	g up Hal-Frac.				
0600-0310	Wait on Three Rivers Fed. 3	-11-820 to finish fra	C.			
Costs (\$):	Daily: 932	Cum:	411,007	AFE:	C	)

Date: 12/20/20	013	46			,
Tubing:	Multi OD String Depth Set: 4,603"	PBT	D:	0	
Supervisor:	Scott, Duncan				
Work Objective:	Perf, Frac, and Flowback			SSE:	2
Contractors:	Hallib-frac, J-W wireline, D&M, RNI, Knight, Sunrise, Rig1	, T&S		746	
Completion Rig:	HAL - Blue UT, J-W	Superviso	or Phone: 30	7-350-8487	/435-828-147
Upcoming Activity:	Perf, Frac, and Flowback				
Activities	1				
0600-0310	Wait on Three Rivers Fed. 3-11-820 to finish frac.				
0310-0530	Rig up frac lines to Well head.				
0530-0600	Safety Meeting-Review location hazards including, WHD	, WL logging	, crane opera	ations, the u	se land guide:
	while backing. Review incident reporting of property dama	age, & perso	nnel injuries.S	Slips trips ar	nd falls,
	Establish smoking area & Muster area.				
0600-0720	Verify sand and water volumes. Change out chemical tran	nsport, and fl	ood lines. Wi	reline Unit b	ack spooled
	line, resulting in changing out wireline units.				**
0720-0820	Frac stage 1.				
0820-1050	Wait on Wireline.				
1050-1200	Perforate stage 2 (6092 - 6256)				
1200-1345	Frac stage 2.				
1345-1515	Perforate stage 3 (5851 - 6052)				
1515-1650	Frac stage 3.				
1650-1835	Perforate stage 4 (5557 - 5784)				
1835-2030	Frac stage 4.				
2030-2210	Perforate stage 5 (5337-5526). Set plug @ 5533'.				
2210-2350	Frac stage 5.	•			
2350-0110	Perforate stage 6 (4849-5152). Set plug @ 5185'.				
Costs (\$):	Daily: 26,268 Cum: 437,	275	AFE:	0	

Tubing:	Multi OD String Depth Set: 4,603"		PBTD:	0	
Supervisor:	Scott, Duncan				
Work Objective:	Perf, Frac, and Flowback			SSE:	2
Contractors:	Hallib-frac, J-W wireline, D&M, RNI, Knight, Sunrise, Rig1	, T&S			
Completion Rig:	HAL - Blue UT, J-W	Sup	pervisor Phone:	307-350-8	487/435-828-147
Upcoming Activity:	Drill out plug	**			
Activities					
2350-0110	Perforate stage 6 (4849-5152). Set plug @ 5185'.				
0110-0235	Frac stage 6.				
0235-0350	Perforate stage 7 (4640-4816). Set plug @ 4826'.				
0350-0510	Wait on water.				
0510-0625	Frac stage 7.				
0625-1100	Rig down vendors. Shut bottom ram, SICP 1373#. Drain to	op ran	n, & pour methar	nol in BOP.	Rig down move
	out frac and Wireline equipment.	•			
0000-0000	Close bottom ram. Shut in pressure 720. Bleed off stack	k & lin	es. RDMO Coil	tubing unit	9
Gostsw(\$)1 1 Numb	er Daily: 3 0 4 7 854 6 4 0 0 0 0 Cum: 791,8	391	AFE:	31.40	0

Date: 12/22/20	013		
Tubing:	Multi OD String Depth Set: 4,603"	PBTD:	0
Supervisor:	Scott/Duncan		
Work Objective:	Drill out plug		SSE: 0
Contractors:	IPS, Rig 1, Knight, RNI		
Completion Rig:	IPS CT 1.75"	Supervisor Phone	: 307-350-8487/435-828-1472
Upcoming Activity:	Flow test well	200	
Activities			
0200-0520	Rig up coil unit.		
0520-0600	Load coil with water. Break lubricator off 7-1/16" BOP. M	ake up QES BHA as	follows: Coil Connector,
	Bi-Directional jar, MHA Dual Check Valves, 3/4" Ball Seat	(back pressure valve	e) Hydraulic Disconnect, Dual
	Circ Sub, 5/8" Ball Seat, 8K Burst Disc, motor and 5 blade	4.625" mill. Reconn	ect lubricator. Function test
	motor in lubricator. Pressure up on top side of rams. Pre-	ssure test to 3000 ps	ii. Bleed pressure to 1500 psi
	and open rams, 400 psi well pressure.		
0600-0645	RIH with mill and motor to plug @ 4826'. (Coil depth 4837	'). Drill plug.	
0645-0730	RIH to plug @ 5152'. Tag sand at ~5112', wash sand to	plug @ 5152' (Coil de	epth 5195'). Drill plug.
0730-0810	RIH to plug @ 5533'. Tag sand at ~5333', wash sand to	plug @ 5533' (Coil de	epth 5541'). Drill plug.
0810-0900	Pump 20 bbl. gel sweep. RIH to plug @ 5815'. Tag sand a	at ~5785', wash sand	to plug @ 5815' (Coil depth
	5824') Make 500' short trip. Drill plug. 200 PSI.		
0900-0930	RIH to plug @ 6075'. (Coil depth 6081'). Drill plug.		
0930-0955	RIH to plug @ 6275'. Tag sand at ~6255', wash sand to	plug @ 6275' (Coil de	epth 6281'). Drill plug.
0955-1120	RIH to PBTD @ 6690'. Tag sand @ ~6490', wash sand to	PBTD @ 6690'. Pun	np 20 bbl gel sweep, 10 bbl
	water spacer & 20 bbl gel sweep. (Coil PBTD @ 6700').	Make 500' short trip a	and retag PBTD. POOH @ 50
	ft/min for 30 min and then continue POOH.		
1120-1400	Close bottom ram. Shut in pressure 300. Bleed off stac	k & lines. RDMO Co	oil tubing unit. Open well to
	flowback tank at 1330 hrs.		
Costs (\$):	Daily: 44,154 Cum: 836,	045 AFE:	0

Date: 12/23/2	013					
Tubing:	Multi OD String Depth Set	: 4,603"		PBTD:	0	
Supervisor:	Joe Duncan					
Work Objective:	Flow test well					
Contractors:	Rig 1, RNI					
Completion Rig:	(Missing)			Supervisor Phone:	435-828-1472	
Upcoming Activity:	Flow test well					
Costs (\$):	Daily: 24,986	Cum:	861,031	AFE:	0	

Date: 12/24/2	013					
Tubing:	Multi OD String Depth S	et: 4,603"		PBTD:	0	
Supervisor:	Joe Duncan	30	3P			
Work Objective:	Flow test well					
Contractors:	Rig 1, RNI		W.C.			
Completion Rig:	(Missing)		Sup	ervisor Phone:	435-828-1472	
Upcoming Activity:	Flow test well					
Costs (\$):	Daily: 509	Cum:	861,540	AFE:	0	

Date: 12/25/	2013		49					
Tubing:	Multi OD String Dept	h Set: 4,603"	PB	BTD:	0			
Supervisor:	Fletcher	Fletcher						
Work Objective:	Turned over to Produ	ction Dept						
Contractors:	(Missing)	**						
Completion Rig:	(Missing)		Supervi	sor Phone: 3036	6459812			
Upcoming Activity:		W)						
Costs (\$):	Daily: 0	Cum:	861,540	AFE:	0			

Date: 12/26/	2013						
Tubing:	Multi OD String Depth S	et: 4,603"	PBT	ΓD:	0		
Supervisor:	(Missing)	(Missing)					
Work Objective:	(Nothing Recorded)						
Contractors:	(Missing)		20				
Completion Rig:	(Missing)		Supervis	or Phone: (Mi	issing)		
Upcoming Activity:	Appropries		W	^	1,440,935		
Costs (\$):	Daily: 485	Cum:	862,025	AFE:	0		

Date: 12/27/2	2013		46		
Tubing:	Multi OD String Depth Set: 4,	303"	P	BTD:	0
Supervisor:	(Missing)		· · · · · · · · · · · · · · · · · · ·		
Work Objective:	(Nothing Recorded)				
Contractors:	(Missing)				
Completion Rig:	(Missing)		Super	isor Phone: (M	issing)
Upcoming Activity:		40	10		
A Costs (S) 1 Numb	Daily:3 04 7 86,984 4 0000	Cum:	899,009	AFE:	0

Date: 12/28/2	013								
Tubing:	Multi OD String Depth Set: 4,	Multi OD String Depth Set: 4,603" PBTD: 0							
Supervisor:	Joe Duncan								
Work Objective:	TIH w/ tubing								
Contractors:	Stone WS, RNI, Hagman Truc	cking	On the second						
Completion Rig:	Stone #11		Super	visor Phone: 435-	828-1472				
Upcoming Activity:	Run Rods								
Activities									
0700-1000	MIRU Stone WS rig #11 and e	equipment.							
1000-1100	RU floor, tongs, and change of	ver from rod equipm	ent to tbg equipr	nent.					
1100-1300	Work to thaw frozen wellhead	Ì							
1300-1400	PU and TIH w/BHA and Produ	uction tbg.							
1400-1600	Thaw froze air lines on rig.			·					
1600-1730	Cont to PU and TIH w/BHA ar	nd Production tbg. S\	MI & SDFN.						
Costs (\$):	Daily: 7,053	Cum:	906,061	AFE:	0				

Date: 12/30/2	013							
Tubing:	Multi OD String Depth Se	t: 4,6	03"		PBTD	):	0	
Supervisor:	Krause							
Work Objective:	Run Rods							
Contractors:	Stone, CTAP, RNI, Knight							
Completion Rig:	Stone #11				Supervisor	Phone: 307	7-231-2070	
Upcoming Activity:	Completion			4:				
Activities								
0700-0930	ND BOP, set TAC, and NI	J WH	l. 139 jts tot	al tubing in well.	TAC @ 4	352', Pump l	barrel @ 44	185', EOT @
	4603'							
0930-1030	Prep to PU rods.							
1030-1230	PU and RIH with standing	valve	e, plunger an	d rods. Seat sta	nding valve	, space out a	and pick up	polish rod.
1230-1630	Load tubing with water. L							Hang well o
	horses head. RDMO. W	love i	rig to the TR	16-33-820. Tui	n well over	to production	n	2002
	Rod Detail:							
	5' Pump plunger (2.25")							
	38 7/8" rods							
	58 3/4" rods							
	81 7/8" rods							
	8',6',4',2' 7/8" Pony rods							
	1.5" x 30' Polish Rod							
Costs (\$):	Daily: 6.445		Cum:	912.50	16	AFE:	0	

Date: 12/31/2	013				
Tubing:	Multi OD String De	epth Set: 4,603"	PB	TD:	0
Supervisor:	(Missing)				
Work Objective:	Turned over to Pro	duction Dept			
Contractors:	(Missing)				
Completion Rig:	(Missing)		Supervis	sor Phone: (Mi	issing)
Upcoming Activity:					
Costs (\$):	Daily: 0	Cum:	912,506	AFE:	0

#### Hydraulic Fracturing Fluid Product Component Information Disclosure

Longitude: -109.67077000	
State:         Utah           County:         Uintah           API Number:         43-047-53494-00-00           Operator Name:         Ultra Resources           Ill Name and Number:         Three Rivers 16-32-820           Longitude:         -109.67077000	Job Start Date:
County: Uintah API Number: 43-047-53494-00-00 Operator Name: Ultra Resources Il Name and Number: Three Rivers 16-32-820 Longitude: -109.67077000	Job End Date:
API Number: 43-047-53494-00-00 Operator Name: Ultra Resources Il Name and Number: Three Rivers 16-32-820 Longitude: -109.67077000	State:
Operator Name: Ultra Resources Il Name and Number: Three Rivers 16-32-820 Longitude: -109.67077000	County:
Il Name and Number: Three Rivers 16-32-820 Longitude: -109.67077000	API Number:
Longitude: -109.67077000	Operator Name:
WY ACCOUNT OF THE PARTY OF THE	Well Name and Number:
	Longitude:
Latitude: 40.12262000	Latitude:
Datum: NAD27	Datum:
Federal/Tribal Well: NO	Federal/Tribal Well:
True Vertical Depth: 7,000	True Vertical Depth:
e Water Volume (gal): 1,052,378	Total Base Water Volume (gal):
e Non Water Volume: 0	Total Base Non Water Volume:



#### **Hydraulic Fracturing Fluid Composition:**

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
2% KCL Water	Operator	Base Fluid					
			2% KCL Water	NA	100.00000	66,53861	Density = 8.410
Fresh Water	Operator	Base Fluid					
	in the second		Fresh Water	7732-18-5	100.00000	22,39755	Density = 8.330
SAND - PREMIUM WHITE	Halliburton	Proppant					
	CELEBRATE		Crystalline silica, quartz	14808-60-7	100.00000	10.10661	
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent					
			Hydrochloric acid	7647-01-0	30.0000	0.18932	
LoSurf-300D	Halliburton	Non-ionic Surfactant					
	0.4	5	Ethanol	64-17-5	60.00000	0.04799	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.02400	
			Poly(oxy-1,2-ethanediyl), alpha- (4-nonylphenyl)-omega- hydroxy-, branched	127087-87-0	5.00000		
			Naphthalene	91-20-3	5.00000	0.00400	
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00080	
WG-36 GELLING AGENT	Halliburton	Gelling Agent					
( a school on a 1.)			Guargum	9000-30-0	100.00000	0.04971	

BC-140	Halliburton	Crosslinker					
50 110	- Idinaditon	OT GOOMING!	Monoethanolamine borate	26038-87-9	60,00000	0.02883	
			Ethylene glycol	107-21-1	30.00000	0.01441	
MC MX 2-2822	Multi-Chem	Scale Inhibitor	Euryleine grycor	107-21-1	30.00000	0.01441	
IVIC IVIX 2-2022	Watti-Crieffi	ocale illilibitor	Methyl alcohol	67-56-1	30.00000	0.01542	
			Phosphonate of a Diamine,	Proprietary	30.00000	0.01542	
			Sodium Salt	Proprietary	30.00000	0.01342	
CLA-WEB	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.02785	
FE-1A ACIDIZING	Halliburton	Additive					
COMPOSITION			Acetic anhydride	108-24-7	100.00000	0.00632	
			Acetic acid	64-19-7	60.00000	0.00379	
FR-66	Halliburton	Friction Reducer	10000 2000		33.3333	0.000.0	
11,00	i idilibation	Thought to du out	Hydrotreated light petroleum	64742-47-8	30.00000	0.00718	
	-1		distillate	- 11. 15. 11. V	00.0000	0.001 10	
MC B-8614	Multi-Chem	Biocide					
			Glutaraldehyde	111-30-8	30.00000	0.00449	
			Alkyl (C12-16) dimethylbenzylammonium	68424-85-1	5.00000	0.00075	
OPTIFLO-HTE	I I a II ik ut a u	Decelor	chloride				
OPTIFLO-HTE	Halliburton	Breaker	Of a local baselles	NIA	400,00000	0.00050	
			Walnut hulls	NA	100.00000	0.00253	
OD DDEALED	1 1 1121 - (	<b>5</b> 8500 COO	Crystalline silica, quartz	14808-60-7	30.00000	0.00076	
SP BREAKER	Halliburton	Breaker		7775 07 4	400,000,00	0.004.00	
LIALAGARA	111-1111	0	Sodium persulfate	7775-27-1	100.00000	0.00190	
HAI-404M	Halliburton	Corrosion Inhibitor		07.50.4	00.0000	2.22225	
			Methanol	67-56-1	30.00000	0.00035	
			Isopropanol	67-63-0	30.00000	0.00035	
			Aldehyde	Confidential	30.00000	0.00035	
			Quaternary ammonium salt	Confidential	10.00000	0.00012	
Ingredients shown a	bove are subject to 2		opear on Material Safety Data She	ets (MSDS). Ingred	dients shown below are Non-	-MSDS.	
		Other Ingredient(s)		5500 10 5		0.74500	
		000 - 100 - 100	Water	7732-18-5		0.74536	
		Other Ingredient(s)	Ourselle de te el Discourie De co	02420.02.2		0.00400	
		Oth an In our dispute	Oxyalkylated Phenolic Resin	63428-92-2		0.02400	
		Other Ingredient(s)	Oxyalkylated Phenolic Resin	29316-47-0		0.00800	
		Other Ingredient(s)	Oxyaikyiated Phenolic Resin	29310-47-U		0.00000	
		Other Ingredient(s)	Polyacrylamide Copolymer	62649-23-4		0.00718	
		Other Ingredient(s)	oryacrylanilue Copolymei	02043-23-4		0.00710	
		Outer ingredient(8)	Sodium chloride	7647-14-5		0.00352	
		Other Ingredient(s)	Social foliones			0.00002	
		Caron ingredient(3)	Bentonite, benzyl(hydrogenated	121888-68-4		0.00249	
			tallow alkyl) dimethylammonium stearate complex	12,000 00 4		0.00240	
		Other Ingredient(s)	The state of the s				

		1	Quaternary Amine	<b>3</b> 4004-36-9	0.00232
	Oth	er Ingredient(s)	Quaternary / willing	54004 50 5	0.00202
	Out o	THE THE PERSON AND THE PERSON AND THE	Alcohols, C12-16, ethoxylated	68551-12-2	0.00131
	Oth	er Ingredient(s)	accincis, 212 15, caroxylated	55551 12 2	0.00101
	5	ioi iiigi odioiii(o)	Tall oil acid diethanolamide	68155-20-4	0.00120
	Oth	er Ingredient(s)			
			Ammonium chloride	12125-02-9	0.00120
	Oth	er Ingredient(s)	94.4.30		
			Cured Acrylic Resin	9002-98-6	0.00076
	Oth	rer Ingredient(s)			
			Surfactant Mixture	67254-71-1	0.00050
	Oth	er Ingredient(s)			
			Surfactant Mixture	56449-46-8	0.00050
	Oth	er Ingredient(s)			
			Silica gel	112926-00-8	0.00050
	Oth	rer Ingredient(s)			
			Quaternary Amine	3327-22-8	0.00046
	Oth	rer Ingredient(s)			
			Naphthenic acid ethoxylate	68410-62-8	0.00035
	Oth	er Ingredient(s)			
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0.00024
	Oth	rer Ingredient(s)			
_			Sorbitan, mono-9- octadecenoate, (Z)	1338-43-8	0.00024
	Oth	er Ingredient(s)			
	- Color		Enzyme	9025-56-3	0.00013
	Oth	rer Ingredient(s)			
			Fatty Acids, Tall Oil	61790-12-3	0.00012
	Oth	rer Ingredient(s)			
			Polyethoxylated fatty amine salt	61791-26-2	0.00012
	Oth	er Ingredient(s)	Andrew Control of the Control	24704 44 0	0.00000
	0.11		Amines, coco alkyl, ethoxylated	p1/91-14-8	0.00006
	Oth	er Ingredient(s)	Or rotalling Cilian Over 4-	14909 60 7	0.0000
	C.U.		Crystalline Silica, Quartz	14808-60-7	0.00005
	Oth	ner Ingredient(s)	Amino Colto	75.57.0	0.0000
	- Ath		Amine Salts	75-57-0	0.00005
	Oth	er Ingredient(s)	Amine Salte	503 81 7	0.0005
	nth.	ner Ingredient(s)	Amine Salts	593-81-7	0.00005
	Otti		Quaternary Amine	75-50-3	0.00005
	Oth	er Ingredient(s)	acatomary Amino		0.00000
	Otti	3000 W W	C.I. Pigment Red 5	6410-41-9	0.00003
	Oth	er Ingredient(s)	o.a. riginonii ricu o	O TIO TIEV	0.00000
	Out	15 8.5	Cured Acrylic Resin	Confidential	0.00003
	Oth	er Ingredient(s)	22.22730710 1100111		5.55556
	Cui	ior ingrodioni(3)			

		Methanol	67-56-1	0.00002
	Other Ingredient(s)			
		Ammonium phosphate	7722-76-1	0.00001
	Other Ingredient(s)			
		Sodium iodide	7681-82-5	0.00001
	Other Ingredient(s)			
	21	Phosphoric Acid	7664-38-2	0.00000
	Other Ingredient(s)			
		Sodium sulfate	7757-82-6	0.00000

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

<sup>\*</sup> Total Water Volume sources may include fresh water, produced water, and/or recycled water \*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

Program   Prog	1,000   1,00	Part   Part	Stage			-	2	6	4	S.	9	7	8	6	9	12						L		Ī														
Program   Prog	Programe   Programe	Page	Fluid	The second secon		Load & Break	1000 gal 15% HCI Acid	Pad	0.35#/gal 20/40 White	0.35#/gal 20/40 White	Pad	2.0 #/gal 20/40 White	4.0 #/gal 20/40 White	6.0 #/gal 20/40 White	Flush (+3 bbis)	Hydration tank variance		APPLANCE AND	15% HCI Acid:	48# DollanEero 440 /441.	Total Fluid:	Total Slurry:	20/40 White:	Total Proppant:							Sec						E A	
Color   Colo	Color   Colo	12.20   12.2	Fhaid		(ped)	520	1000	17458	60681	5013	3065	9042	5147	5145	6539	200			1,000	84,858	113 370	117,608	82,600	82,600	TOP PI	ВОТТОМ	N OF	盖	BHT GRAD [F/	# W	: / Twp. / Rng.	Well Name	Сотрапу	Formation	Fluid Systems	Date	se Fluid, ib/gal	Sales Order #
No.   State   Present	No.   State   Present	National Properties   Particle    Prop Conc		(6dd)				0.35	0.35		2.05	3.98	4.01					gel	gal	la gar	) PO	lbs	lbs	ERF	PERF	3RF			4	S:16	Three	Ultra		18# Delta	Dec			
No.   State   Present	No.   State   Present	National Colored   Market	Prop	Total	(Bbs)				21200	1750		18500	20500	20650				82,600		Aver					6,289	6,409	6,349	165		3-047-53494	3/T:8S/R:2	Rivers 16-32	Resources	Green River	Frac 140 (14	ember 20, 20	8,33	
President	Pressent   Pressent	Principal Continues   Principal Continues	Sturry Vol		(bbls)	12.4	23.8	415.7	1467.6	121.2	73.0	235.2	144.6	144.7	150.0	11.9		2800.2		ige Rate											OE OE	-820	nc.		) Hybrid	113		
Page Figure Tree         Figure F	Page Figure Tree         Figure F	Control	Shurry	Rate	(pbm)	4.7	10.0	40.7	60.4	57.3	57.3	59.0	59.1	59.7	54.3					46.3																		
Eggewer Image         WG-36         LoSart-3000         CLA-Web CLA-	Eggewer Image         WG-36         LoSart-3000         CLA-Web CLA-	Egoswa   WiS-38   LiSuri-Storo   Cu-Wiee   B-8614   Mix 2-3822   DC-140   Option-HTE is planear   Day Committee   Day Commit	Treating	_	_		2240	2757	2555	2546	2538	2594	2498	2356	2544																							
Part	Part	Columbia C	Stage	Diene Tene	(h:min:sec)	0.02.38	0.02.23	0:10:13	0.24.18	0.02:07	0.01.16	0.03.59	0:02:27	0:02:25	0:02:48			Š	8	<u>.</u>	٥																	L
1084r3000   CA-Wood   B-8514   MX 2-2522   BC-140	1084r3000   CA-Wood   B-8514   MX 2-2522   BC-140	LuSuri-Supo   CLA-Web   B-6914   MX 2-3222   BIC-140   Optitio-Hirl   SP Breaker   Curput Common   B-6914   MX 2-3222   BIC-140   Optitio-Hirl   SP Breaker   Curput Common    Exposure	Trees	(h:min:sec)	0.54.32	0.51.54	0.49.31	0:39:19	0:15:01	0:12:54	0:11:37	0:07:38	0:05:11	0:02:46			pe	# F	The state of	tal						Top Perf	6289	6306	6313	6322	6352	6376	6389	6388	6408			
LoSurf-Surport   LoSurf-Surport   LoSurf-Surport   LoSurf-Surport   LoSurf-Surport   LoSurf-Surport   LoCot	LoSurfactorn   LoSurfactorn   LoSurfactorn   LoSurfactorn   LoSurfactorn   LoSurfactorn   LoSurfactorn   LoCo	LuSuri-Supo   CLA-Web   B-6914   MX 2-3222   BIC-140   Optitio-Hirl   SP Breaker   Cupul Optito-Hirl   Character   Cupul Optito-Hirl   Cupul Opt	WG-36	2	900)					18.00	18.00	18.00	18.00	18.00		50.00	518.4	240	4%		240					Total P	<b>Bottom Perf</b>	6290	6307	6314	6323	6353	6377	6390	6400	6409		
CLA-Web   B-8614   MKI 2-2822   BC-140	CLA-Wee   B-8614   MKI 2-2622   BC-140	CLA-Web   B-8614   MX 2-2822   BC-140   Optification   Grad   G	TOSarf.3001	TOOM SOME	(ant)	101	3	50	1.00	8	100	1.00	1.00	1.00	1.00		112.4	115	2%		115					erfs: 39		8	3	3	e .	2 6	0 60	8	m	က		
B-8614   MX 2-2822   BC-140	B-8614   MX 2-2822   BC-140	B-0614   MX 2-2622   BC-140   Optificating Spin Breater		_	_	0.50	200	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50		56.2	Z	4%		25						# of shots	3	9	3	e (	3	o m	6	3	3		I
600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1.80 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1.80					0.40	0.50	0.20	0.20	070				0.20		18.0	19	%9		19																	
Crossificer (gra)	1.80 1.00   1.80   1.80   1.80   1.80   1.80   1.80   1.80   1.00   1.80   1.00   1.80   1.00   1.80   1.00   1.80   1.00   1.80   1.00   1.80   1.00   1.80   1.00   1.80   1.00   1.80   1.00   1.80   1.00   1.80   1.00   1.00   1.80   1.00	Copitic-HTE SP Breaker   Copit   Cop	AV 2 2022	MX 2-2822	Scale Inh.	nde)		700	200	000	2.00	0.25	0.25	67.0			80.0	2	2%		28					Start Time:	End Time:	Customer										
	22.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4	Copitic-HTE SP Breaker   Copit   Cop	977.00	BC-140	Crosslinker					1	1.00	1.80	200	1.80			49.3	52	2%		52					7.20	8.18	Joe Du								>		

Company Formation Perfs	Company Ultra Resources Inc. Formation Green River Perfs 6092 - 6256	Three Rivers 16-32-820 API Zone 2 Temperature 162 Fluid System: taFrac 140 (14) Hybrid	16-32-820 Temperature taFrac 140 (1-	API 162 14) Hybrid	43-047-53494 °F						Liquid	Liquid Additives						
Stage	Fluid	Fluid	Prop Conc	Prop	Slumy Vol	Slumy	Treating	Stage	Exposure	WG-38	LoSurf-300D	CLA-Web	B-8614	MX 2.2822	BC.140	Ordigo MTE CD Desotor	Sp Bankar	8 8
				Total		Rate	Pressure	Pump Time	Time	Gel	Surfactant	Clay Control	Biocide	Scale Inh.	Crossinker			Frie Dad
		((88)	(Bdd)	(gg)	(ppls)	(pbm)	(Sa)	(h:min:sec)	(h:min:sec)	()dd)	()d6)	(Jdib)	(tdb)	(Julis)	QdB	-	_	(00)
-	Load & Break	300			7.1	6.7	1059	0:01:04	1:29:00		1.00	0.50	0.20			-		0.30
2	1000 gal 15% HCI Acid	1000			23.8	10.3	1275	0:02:19	1:27:56									3
6	Pad	35781			851.9	54.7	2095	0.15.34	1:25:38		1.00	0.50	0.20	0.42				000
4	0.35#/gal 20/40 White	110933	0.35	38800	2683.1	59.8	2175	0.44.52	1:10:03		1.00	0.50	0.20	0.42			I	00.0
2	0.35#/gal 20/40 White	4986	0.38	1800	120.7	0.09	2723	0.02.01	0.25.11	18.00	100	0.50	0.20	200	4 00		T	000
9	Pad								0.23.11	18.00	100	0.50	0.50	0.00	00.1	00,	0.00	06.00
7	2.0 #/gal 20/40 White	22306	2.00	44600	579.1	60.1	2506	85.00.0	0-23-11	18 00	8	200		0.23	200	3	0.50	
8	4.0 #/gal 20/40 White	12634	4.01	50700	355.4	60.3	2256	0.05:54	0-13-32	18.00	8 6	0.00		0.20	08.1	8	0.50	
6	6.0 #/gal 20/40 White	10152	5.00	20800	296.4	60.4	2125	0.04.54	0.07.39	18.00	3 5	0.50		0.25	28.	80.	1.00	
10	Flush (+3 bbfs)	6909			144.5	52.8	2244	0.02.44	0:02:44		1.00	0.50	0.20		08.	8.	1.00	000
			-					_		801.4	203.2	101.6	34 8	0 00	4 00			0.30
				186,700	5055.0			Used	2	847	200	25	33 6	90.0		40.1	33.9	47.4
	15% HCI Acid:	1,000	leB					#P %		70%	3%	36.	3 \$	3 }	2 8	0	8	2
	Slickwater:	163,083	gal	Ave	Average Rate	47.2		Prime	. 9		2	P 7-	2	84	8		88	2%
	18# DeltaFrac 140 (14):	80,078	leg					Total		847	200	400	9.0		8		1	
	Total Fluid:	204,161	gal										2	3	20	ş	cs Cs	90
	Total Sturry:	212,309	gal															
	20/40 White:	186,700	lbs															
	Total Proppant:	186,700	lbs															
		TOP PERF	ERF	6,092														
		BOTTOM PERF	I PERF	6,256						Total Perfs	- FF			Stort Times	40.00			
		MID PERF	ERF	6.174					Top Perf	Bottom Perf	1000	# of shots		End Time	1.45 PM	Wd		
		BHT		162					6092	6093	3	8		Customer	Ine Disperse	ncan.		
		BHT GRAD ["F/100-R (+60")]	100-0 (+607)]						6110	6111	6	e			200			
		#IAV		43-047-53494	Z				6125	6126	3	9						
									6155	6156	3	3						
	Sec	Sec. / Twp. / Rng.	S:1	S:16 / T:8S / R:20E	20E				6170	6171	9	3						
		Well Name	Three	Three Rivers 16-32-820	32-820				6182	6183	3	3						
		Сотрану	Cita	Ultra Resources Inc.	s Inc.				6201	6202	60	3						
		Formation		Green River					6218	6219	6	6						
		Fluid Systems	18# Delt	18# DeltaFrac 140 (14) Hybrid	14) Hybrid			7	6230	6232	8	9						
		Date	Dec	December 20, 2013	2013			l,	6241	6243	က	9						
	88	Base Fluid, Ib/gal		8.33					6255	6256	en	3						
		Sales Order #		900972789														
	8	County and State		Uintah, UT														
		K	Zone 2															

Fluid & Break   1000 get 15% HCI Acid   Pad   0.354/get 120/40 White   0.354/get 20/40 White   4.0 #/get 20.40 White   6.0 #/get 20/40 White   Flush (+3 bbts)   Total Fluid:   Total Fluid:   Total Fluid:   Total Proppant:   Total Proppant   T	ration 8	mation Green River fs 5837 - 6052	Zone 3 Temperature 157 Fluid System: taFrac 140 (14) Hybrid	Temperature taFrac 140 (1	157 4) Hybrid	Ļ						Liqui	Liquid Additives			:			
Comparison   Com	8	Fiuld	Fluid	Prop Conc	Prop	Sturry Vol	Shurry	Treating	Stage	Exposure	WG-38	Cook-Juston	C. A.Wah	B.8814	CCOC C AN	071.00	1		
Contestitude   237   Contest					Total		Rate		Pump Time	Time	3	Surfactant	Clay Control	Biocide	Scale Inh	Consider	Bracker	S. Breaker	200
Conception   Con			(gal)	(6dd)	ê	(ppps)	(pbw)	(bar)	(h:min:sec)	(h:min:sec)	(bdd)	(800)	(db)	(Jab)	(dod)	(und)	(pod)	(ned)	ACT KOO.
10004   19410   204	-	Load & Break	237			5.6	6.2	1059	0:00:55	1:25:26		1.00	0.50	0.20				2	200
C10840pii 2004	2	1000 gat 15% HCl Acid	1000			23.8	10.3	1286	0.02.19	1:24:32				04:0					0.30
Company   Comp	3	Pad	34499			821.4	55.8	2322	0.14.43	1:22:13		20	0.50	08.0	77.0				
Comparison   Com	4	0.35#/gal 20/40 White	106383	0.35	37300	2573.1	59.2	2304	0.43.28	1.07.30		9	0.50	0.20	4.0				0.30
1	2	0.35#/gal 20/40 White	4973	0.38	1900	120.5	80.8	2368	0.01.59	0.24.02	18.00	3	200	070	0.44	!			0.30
Comparison Control	8	Pad				1-21-	80.0	2200		0.000	00.00	200	0.30	0.20	2.00	1.80			0.30
Control   Cont	1	2.0 #/ngl 20/40 White	21483	200	42400	2000	000	6677		0.22.03	00.81	1.00	0.50		0.25	1.80	1.00	0.50	
State   Stat		4 0 #/cel 20/40 \8/hits	12160	20.5	45100	07/00	61.0	2153	80:80:0	0:22:03	18.00	1.00	0.50		0.25	1.80	1.00	0.50	
Thirdit Shaba   Signate   4500   2500   2600   2600   100		8.0 #/opi 20/40 Millia	12160	4.01	48800	342.1	61.1	2071	0:05:38	0:12:55	18.00	1.00	0.50		0.25	1.80	1.00	1.00	
Figure 17-30-bit   Figure 17-3		o.u mgai zu/40 vvnite	8988	4.90	48800	289.9	61.0	2018	0.04:45	0:07:19	18.00	1.00	0.50			1.80	18	1.00	
1709 000   1709 000 000   1709 000   1709 000   1709 000   1709 000   1709 000   1709 000   1709 000   1709 000   1709 000 000   1709 000 000   1709 000 000   1709 000 000   1709 000 000   1709 000 000   1709 000 000 000   1709 000 000 000   1709 000 000 000   1709 000 000 000   1709 000 000 000   1709 000 000 000 000   1709 000 000 000 000 000   1709 000 000 000 000 000 000 000 000 000	اء	Flush (+3 bbls)	5878			140.0	54.7	2239	0:02:34	0:02:34		1.00	0.50	0.20					0.50
1,000   294   294   294   294   294   295   202   92   31   83   84   5   34   34   34   34   34   34   34											874	196	88	90	80	87	44	2	46
1,1000   gel					179,900	4868.2			)SO	26	925	202	8	7	83	8	4	3 2	2 5
1445,947   944		15% HCI Acid:	1,000	leg	j				*	*	8%	36	20	5	3 \$	8	£ 5	\$ ;	<del>2</del>
158,684   gal		Slickwater:	146,997	gal	Ave	rage Rate	49.1		Pri	<u> </u>	20	2	R P		8		88	3%	2%
179,000   Abs   Associated		18# DeltaFrac 140 (14):	48,564	gal			þ		<u> </u>		925	203	00	70				1	
179,900   Abs   Abs     179,900   Abs     179,900   Abs     179,900   Abs     179,900   Abs     179,900   Abs     179,900   Abs     184 DetaFrac 140 (14) Hybrid Spales Plud, lb/sal     184 DetaFrac 140 (14) Hybrid Spales Plud, lb/sal     184 DetaFrac 140 (14) Hybrid Spales Order Abs     184 DetaFrac 140 (14) Hybrid Spales Order Abs     185 DetaFrac 140 (14) Hybrid Spales Order Abs     184 DetaFrac 140 (14) Hybrid Spales Spales Order Abs     185 DetaFrac 140 (14) Hybrid Spales Order Abs     185 DetaFrac 140 (14) Hybrid Spales Order Abs     185 DetaFrac 140 (14) Hybrid Spales Spales Order Abs     185 DetaFrac 140 (14) Hybrid Spales Spales Order Abs     186 December 20, 2013     186 December 20, 2013     186 December 20, 2013     187 DetaFrac 140 (14) Hybrid Spales Spales Order Abs     188 DetaFrac 140 (14) Hybrid Spales Spales Order Abs     188 DetaFrac 140 (14) Hybrid Spales Spales Order Abs     188 DetaFrac 140 (14) Hybrid Spales Spales Order Abs     188 DetaFrac 140 (14) Hybrid Spales Spales Order Abs     188 DetaFrac 140 (14) Hybrid Spales Spales Order Abs     188 DetaFrac 140 (14) Hybrid Spales Spales Order Abs     189 DetaFrac 140 (14) Hybrid Spales Spales Spales Order Abs     180 Decamber 20, 2013     180 DetaFrac 140 (14) Hybrid Spales Spales Spales Spales Order Abs     180 Decamber 20, 2013     181 DetaFrac 140 (14) Hybrid Spales		Total Fluid:	196,561	lan.							070	707	25	5	20	88	45	2	48
179,000   Ibs		Total Slurry:	204,464	dal															
175900   Lib		20/40 White:	179 900	4															
Top Pers		Total Proposer	179 900	100															
Petre	. Te																		
Total Parts   Start Time.			H HOLL	ERF	5,837				L										
Top Perf   SPF   Solution   SPF   Solution   SPF   End Time:   End Time:   S837   S838   3   3   3			5	LENG	7cn'o				1	-	Total Pe	arfs: 36			Start Time:	15.2	22		
1			MID	ERF	5,845						<b>Bottom Perf</b>	SPF	# of shots		End Time:	16.	20		
A3-047-53494   S851   S852   3   3   3   3   3   3   3   3   3			番	-	187					5837	5838	3	3		Customer	Deol.	ncan		
## 43-047-53494  S-16 / T.8S / R.2DE  Three Rivers 16-32-820  Ultra Resources Inc.  Green River  18# DetaFrac 140 (14) Hybrid  December 20, 2013  8,33  ## 500972789  ## 6015			BHT GRAD ["F.	100-fi (+60°)						5851	5852	60	6						
S:16 / T:8S / R:20E  Three Rivers 16-32-820 Ultra Resources Inc.  Green River 18# DetaFrac 140 (14) Hybrid Decambar 20, 2013 8,33 900972789  Zone 3			# Ide	4	3-047-5349	4				5913	5914	က	6						
Sif / Ti85 / Ri20E  Three Rivers 16-32-820  Ultra Resources Inc.  Green River  18# Deta Frac 140 (14) Hybrid  December 20, 2013  8,33  800972789  E005										5929	5930	m	3						
Three Rivers 16-32-820  Ultra Resources Inc.  Green River  18# DeltaFrac 140 (14) Hybrid  December 20, 2013  8,33  900972789  Lintah, UT  Zone 3		Š	c. / Twp. / Rng.	S:1	6/T.8S/R	20E				5942	5943	3	3						
Ultra Resources Inc.  Green River  18# DeltaFrac 140 (14) Hybrid  December 20, 2013  8,33  900972789  Lintah, UT  Zone 3			Well Name	Three	Rivers 16-3	2-820				5952	5953	3	6						
18# Detta Frac 140 (14) Hybrid   5986   5987   3   3   4   4   4   4   4   4   4   4			Company	Ultra	Resources	Inc.				5974	5975	3	3						
18# DeltaFrac 140 (14) Hybrid 5998 5999 3			Formation		Green River				ľ	5986	5987	3	67						
Becember 20, 2013  8,33  8035  800872789  Cone 3			Fluid Systems	18# Delta	Frac 140 (1	4) Hybrid			7	5998	5999	6	6						
8,33 6036 3 800972789 6051 6052 3 Zone 3			Date	Dec	ember 20, 2	013				6014	6015	3	6						
800972789 6051 6052 3 Zone 3		B	se Fluid, Ib/gai		8,33				1 1	6035	6036	3	8						
Zone 3			Sales Order #		900972789					6051	6052	3	3						
Zone 3		8	unty and State		Uintah, UT														
			14	Zone 3															

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Stade	Pie	Fleid	Fluid Press Conc. Dans	Dma	Charma Med		Terretain	-								1	
}		200	Trop Core	Total	Stury VO	Rate	Preserve	Stage Press Tene	Exposure	WG-38	LoSurt-300D	CLA-Web		MX 2-2822	ă,	BC-140	-
		(paj)	(Bdd)	(lbs)	(ppls)	(pbm)	(50)	(h:min:sec)	(h:min:sec)	(bbd)	(apt)	(and)	Siocole	Scale Inh.	Crossinker	힐	Greater (cont.)
_	Load & Break	178			4.2	6.1	1952	0:00:42	1:27:35		1.00	0.50					
7	1000 gal 15% HCI Acid	1000			23.8	10.2	2560	0.02.21	1:26:53								
	Pad	30282			721.0	48.3	2547	0.14.55	1:24:33		1.00	0.50	0.20	0.43			
7	0.5#/gal 20/40 White	103357	0.50	51700	2516.6	59.2	2540	0:42:32	1:09:38		1.00	0.50	0.20	0.43			
2	0.5#/gal 20/40 White	6255	0.42	2620	151.8	40.1	2219	0.03.47	0:27:05	16.00	1.00	0.50	0.20	2.00		+	
9	Pad	4690			111.7	54.1	2904	0.02.04	0.23:18	16.00	1.00	0.50		0.25	4 80	-	5
7	2.0 #/gal 20/40 White	21303	1.98	42280	552.7	57.4	2849	0:09:38	0:21:14	16.00	1.00	0.50		0.05	3 4	+	2 6
8	4.0 #/gal 20/40 White	12118	4.00	48520	340.8	60.3	2686	0:05:39	0:11:36	16.00	8	0.50		50.0	8		3 6
6	6.0 #/gal 20/40 White	9780	4.98	48700	285.3	60.2	2491	0.04:44	0.05.57	18.00	100	0.50			3 5	1	3 5
9	Flush (+3 bbls)	2376			56.6	46.5	2376	0.01.13	0:01:13		1.00	0.50	0.50		200		3
						1				866.3	1903	96.2	38.6	0.00	20.0	]	1
				193,800	4780.2			Lised	2	006	105	6	9 6	90.0	9 6	4	2. 4
	15% HCI Acid:	1,000	jeb					#E %	: ¥	46%	26.	78.	67	3 3	2 2	4	0
	Slickwater:	142,448	jes	Ave	Average Rate	44.2		Prime		2	R.7	27		84	e n		
-	16# DeltaFrac 140 (12):	47.891	) day					Total		000	406	0.7	00	000			-
	Total Fluid:	191,339	)ab/					A		200	200	26	2	2	8	\$	7
	Total Slurry:	199,930	lag														
	20/40 White:	193,800	lbs														
	Total Proppant:	193,800	lbs														
		TOP PERF	ERF	5,557													
		BOTTOM PERF	1 PERF	5,784						Total Perfs.	erfs: 36			Start Time	7:05 DAA	DAM	
		MID PERF	ERF	5,671					Top Perf	Bottom Perf	SPF	# of shots		End Time	8:35 PM	PM	
		PHA		162				1	5557	5558	3	8		Customer	neoning eof.	incan	
		BHT GRAD [FF/100-ft (+60")]	/100-ft (+60")]						5571	5572	9	3					7
		WH#		43-047-53494	R				9099	5607	3	6					
									5648	5649	6	6					
	Sec	Sec. / Twp. / Rng.	5:1	S:16 / T:8S / R:20E	20E				9670	5671	က	3					
		Well Name	Three	Three Rivers 16-32-820	32-820				5687	5688	က	6					
		Company	Ultra	Ultra Resources Inc.	s Inc.				5724	5725	က	3					
		Formation		Green River		r M			5740	5742	8	9					
		Fluid Systems	16# Delta	16# DeltaFrac 140 (12) Hybrid	2) Hybrid			The second	5767	5768	3	6					
		Date	Dec	December 20, 2013	2013				5782	5784	3	9					
	Bas	Base Fluid, Ib/gal		8.33													
		Sales Order #		900972789													
	20.	County and State		Uintah, UT													
		-															

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Comparison   Com
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Color   Colo
Locard State   Best   MX 2-2822   BC-140   Capt
CLA-Web   B-8614   MK 22822   BC-140
B-6614   MX 2-2822   BC-140     Gpot
22% BC-140 (gpd) (
BC-140   Optino-HTE   Creativiter   Breaker   Gp0   160   100   160   100   160   100   160   100   160   100   160   100   160   100   160   100   160   100   160   100   160   100   160   100   160   100   160   100
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Fillid System: laffarfaldallia   Fladd   Cheb     Fladd   Cheb   Cheb     228	company	company Ultra Resources Inc.	Three Rivers 16-32-820	16-32-820	AP 5	43-047-53494													
Total Share   Size   Mark	erfs	4849 - 5152	Fluid System:	taFrac 140 (12	) Hybrid		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					inb)	1 Additives						
Control Cont	Stage	Fluid	Fluid	Prop Conc	Prop	Slumy Vol	Shury	Н	Stage	Exposure	WG-36	LoSurf-300D	CLA-Web	B-8614	MX 2-2822	BC-140		SP Breaker	88
Control Libert Briefly   Control Libert Brie			Gery	(com)	Total	Catalo	Rate	$\neg$	Pump Time	Time	8	Surfactant	Clay Control	Biocide	Scale inh.	Crosslinker			Frict. Red.
Configuration			(mag)	(Select)	(108)	(900)	(wdo)	(E)	(h:min:sec)	(h:min:sec)	(bdd)	(Jdd)	(ats)	(apt)	(jdib)	(db)	(bbt)	-	Qd (B)
100   1909   100	-	Load & Break	228			5.4	10.5	5069	0:00:31	0.56:24		1.00	0.50	0.20					0.30
Comparizor Name   Comparizor	2	1000 gal 15% HCI Acid	1000			23.8	4.7	1301	0.05.04	0.55.53									
Comparison Notes   Secretary   Comparison Notes	9	Pad	18678			444.7	52.3	2811	0:08:31	0:50:49		1.00	0.50	0.20	0.86				28.0
Comparization within   Comparization within	4	0.5#/gal 20/40 White	54853	0.49	26640	1334.7	0.09	2703	0:22:14	0:42:18		1.00	0.50	0.20	0.86				2 2
Configue Control   Configue Control   Configue Control   Control   Configue Control   Control	2	0.5#/gal 20/40 White	5042	0.49	2490	122.7	60.1	2653	0:02:03	0:20:04	16.00	1.00	0.50	0.20	2.00	1,80			3 6
Comparison of Maria   Comparison of Maria	9	Pad	4646			110.6	60.2	2754	0:01:50	0:18:01	16.00	1.00	0.50		0.25	180	8	0 80	8
According to the color of the	7	2.0 #/gal 20/40 White	14962	1.98	29860	388.2	60.0	2602	0:08:28	0:16:11	16.00	1.00	0.50		0.26	3 5	3 8	000	T
10 to Figure 20040 Vinite   702   102	8	4.0 #/gal 20/40 White	8500	3.98	33820	238.8	60.0	2391	0:03:59	0:09:43	18.00	100	0.50		0.25	3 6	3 5	00.00	T
Fraish of seaso   1216   1175   1184   1175   1184   118	o	6.0 #/gal 20/40 White	7623	4.62	35200	219.4	60.1	2248	0:03:39	0:05:44	16.00	1.00	0.50			180	3 8	3 5	T
Hydration lank varietree   1216   1	5	Flush (+3 bbls)	4952			117.9	56.4	2338	0:02:05	0:02:05		1.00	0.50	0.20		200	90:	3	000
127   1900   284   127   1904   173   1194   1195   119	12	Hydration tank variance	1216			29.0					50.00			27.0					8.0
127,510   2019				4							713.2	119.5	59.7	16.8	80.0	85.2	35.7	25.0	7 10
## 1,000 gpd					127.810				-		200	140	6		3	1	200	20.0	
127,281   gal		15% HCI Acid:	1.000	ige					ŝ	2 4	8 4	2 3	n n	1	2 :	8	99	56	56
120,1464   gat   Triple   Libe   Fig.   Fi		Slichwater	93 753		A	900	7 07		R 6		<u>\$</u>	8			4%				
127,2456   gal		Cilcamator.	03,103	Basi	A	arage Kate	48.4		Ē	JE .									
120,484   gal		16# DeltaFrac 140 (12):	36,731	gal					2	酉	709	118	29	- 44	83	99	36	26	26
127,256		Total Fluid:	120,484	gal						P									]
127,810   lbs   lbs     Formation   15m   12m   lbs     Formation   12m   12m   lbs     Form		Total Slurry:	127,255	gal															
127,810   hbs   hbs     TOP PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   5,152   MUD PERF   6,015   MUD PE		20/40 White:	127,810	sqj															
Part		Total Proppant:	127,810	lbs															
Total Perfs. 39   Total Perfs. 39   Start Time.   Find Time.   Total Perfs. 39   Start Time.   Total Perfs. 39   Start Time.   Total Perfs. 39   Start Time.   Total Perfs. 39   Start Time.   Total Perfs. 30   Start Time.   Total Time.   T			10P	ERF	4,849														
FERF FOLLOW FIGURE 1 SPF # of shots FIGURE 2 SPF # of shots FIGUR 2 SPF # of shots FIGUR 2 SPF # of shots FIGUR 2 SPF # of sho			воттом	I PERF	5,152				_		Total Pe		F		Start Time	1.38	AM		
Trioral (4849)  43-047-53494  43-047-5349  43-049-53494  43-049-53494  43-049-53494  43-049-53494  43-047-53494  43-049-63494  43-049-63494  4			d OIM	ERF	5,001					Top Perf	Bottom Part		# of abote		God Time	20.0	Jan.		
104   104			Ħ		142					4849	4850	5	2010 DE		End Time	2.35	AM		
#3-047-53494 4887 3 4887 3 4887 3 4887 3 4887 3 4888 3 3 48913 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4914 3 3 4918 4918 4918 3 3 4918 4918 3 3 4918 4918 4918 3 3 4918 4918 4918 4918 3 3 4918 4918 4918 4918 4918 3 3 4918 4918 4918 4918 4918 4918 4918 4918			BHT GRAD PF.	100-4 (+607)						4870	4872	2 0	2 6		Customer	Jen	Cott		
S:16.7T.9S / R:20E  Three Rivers 16.32-920  Ultra Resources Inc.  Green River  16# Delta Frac 140 (12) Hybrid  December 21, 2013  8.33  Zone 6  S:16.7T.9S / R:20E  4913  4914  3  4914  3  4914  3  4914  3  4914  3  4917  3  4918  4914  3  4916  508  508  3  508  5190  5131  3  5151  5152  3  Zone 6			#IAV		3-047-534	70				7997	4000	0 0							
S;16.T;85 / R;20E  Three Rivers 16-32-820  Ultra Resources Inc.  Green River 16# DeliaFrac 140 (12) Hybrid  December 21, 2013  8,33  Zone 6  Three River 16# DeliaFrac 140 (12) Hybrid  Strict  Strict 16# DeliaFrac 140 (12) Hybrid  Strict 16# DeliaFrac 140 (12)										4913	4914	2 6	9 %						
Three Rivers 16-32-820  Ultra Resources Inc. Green River 16# DeltaFrac 140 (12) Hybrid		S	c. / Twp. / Rng.	5:10	3/T.8S/R	20E				4972	4973								
Ultra Resources Inc.  Green River 16# DeltaFrac 140 (12) Hybrid December 21, 2013 8,33 SologyZ789 Uintah, UT  Zone 6			Well Name	Three	Rivers 16-	32-820			11.5	4989	4990	67							
Green River 16# DeltaFrac 140 (12) Hybrid December 21, 2013 B,33 S00972789 Uintah, UT  Zone 6			Company	Ultra	Resource	s Inc.				5049	5050	8							
16# DeltaFrac 140 (12) Hybrid			Formation		Green Rive	-				5089	5090		, ,						
December 21, 2013  Beggin and a series of the series of th			Fluid Systems	16# Delta	Frac 140 (	12) Hybrid	1			5100	5403	0	0						
8.33 5151 5152 3 900972789 5162 3 Uintah, UT			Date	Deo	ember 21	2013				5130	5434	2 6	0 6						
90972789 Unlah, UT		e e	Se Fluid Ih/nal		8 33					2000	200	2	,						
Zone 6			Sales Ordes		20.000					1010	ZCLC		m						
Zone 6		Š	mph and State		BOUST ZI ON														
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Checker   Chec	- 7 m 4 m m	-		Prop Conc	Prop	Skumy Vol	Skury	Н	Stage	Exposure	WG-36	LoSurf-300D	CLA-Web	B-8614	MX 2	MX 2-2822	H	BC-140	H
Libert Break	- 7 6 7 6				Total		Rate		Pump Time	Time	3	Surfactant	Clay Control	Biocide	-	Scale Inh	t	Crnestinter	Crnestinter
1000 pail 15th Firth Act   1000 pail 15th Firth Act   1000 pail 15th Firth Act   1000 pail 15th Firth Act   1000 pail 15th Firth Act   1000 pail 15th Firth Act   1000 pail 15th Firth Act   1000 pail 15th Firth Act   1000 pail 15th Firth Act   1000 pail 15th Firth Act   1000 pail 15th Firth Act   1000 pail 15th Firth Act   15th Pair   1000 pail 15th Firth Act   15th Pair   1000 pail 15th Act   15th Pair   1	- 2 6 4 6 8		(Had)	(Bdd)	( <u>g</u>	(ppts)	(pbm)	( <u>se</u>	(h min:sec)	(h:min:sec)	(bdd)	(JdB)	(pd6)	(db)		(July)	H	(db)	()dd) ()dB)
1000   1000	0 W 4 W B	Load & Break	438			10.4	9.1	1259	0.01:09	1:08:17		1.00	0.50	0.20				H	
Company   Comp	60 4 M B	1000 gal 15% HCI Acid	1000			23.8	10.2	1345	0:02:21	1:07:08									
O Single Judyo Vinite   66790   O 441   O 504   1580   O 5670   O 5070	4 m @	Pad	20190			480.7	46.5	2015	0:10:21	1:04:47		1.00	0.50	0.20	0.75	5.	52	25	ř
10 Stiglig 2040 While   4441   0.36   1650   1075   563   2174   0.0159   0.1640   16.00   1.00   0.50   0.20     2.0 figlig 2040 While   4775   1.99   28500   2381   569   2131   0.0682   16.00   1.00   0.50   0.50     2.0 figlig 2040 While   6014   6.03   3350   3	w w	0.5#/gal 20/40 White	66790	0.47	31510	1624.2	45.4	1793	0:35:47	0.54.26		1.00	0.50	0.00	37.0				
Pead   14787   159   2500   3819   559   2113   0.00642   0.1641   1600   1100   0.50   0.50     4.0 Migali Zoldo While   14787   159   32540   2281   158   2284   158   158   150   100   0.50   0.50     Fluish (Top-Perf)   4575   228   32840   2281   108   467   1827   0.00413   0.0		0.5#/gal 20/40 White	4441	0.36	1590	107.5	54.3	2124	0.01.59	0-18-40	16.00	1 00	0.50	000	2 0				
2.0 figure 2040 White	Ì	Pad								0.48.44	20.00	90.	00.0	0.00	2,00			+	
Fluid   Cape	7	2 O #fool 20140 tathing	14707	4 00	00000	1000	-			0.0	00.91	00.	0.50		0.25	- 1	1.60	1.60 1.00	+
Fluid System   Social Company   Co		Sulfactorion and a	14/0/	1.89	00687	383.9	55.9	2113	0:06:52	0:16:41	16.00	1.00	0.50		0.25		1.60	1.60 1.00	
Fluid Systems   6574   653   38280   1823   55.9   1976   0.0236   16.00   10.00   0.50		4.0 #gai 20/40 vvnite	8400	3.99	33540	238.1	55.9	2002	0:04:13	0:09:49	16.00	1.00	0.50		0.25	. 1	1.60	1.60 1.00	
Fluid   Top Perry   4575   108 9 467   1937   1937   1937   1938   143   132		6.0 #/gal 20/40 White	6014	6.03	38280	182.3	55.9	1976	0:03:16	0:05:36	16.00	1.00	0.50				1.60	1.60 1.00	1.00
132,430   147.4   152,430   147.4   146   50   26   26, 26, 220.1   22,201   gal   Average Rate   42.2   Prime   53.4   146   50   26   26, 22.20.1   gal   Average Rate   42.2   Prime   53.4   146   50   26   26   26, 22.20.1   23,201   gal   Average Rate   42.2   Prime   53.4   146   50   26   26   26   26   26   26, 20.2   2	9	Flush (Top Perf)	4575			108.9	46.7	1937	0:02:20	0:02:20		1.00	0.50	0.20				-	
132,430   9st   132,430   3147.4   19sed   534   116   50   26   35%	_										638.3	125.6	62.8	18.3	80.0		46.7	46.7 29.2	
1,000   gal	Ī				132,430	3147.4			NS.	þ	534	116	20	26	28		2		96
126,524   994   Average Rate   42.2   Prime   Total   534   116   50   26   26   26   26   26   26   26   2		15% HCI Acid:	1,000	gal	1				%	*	-1%	78%	-20%	35%	20%		160/		116
128,536   get   128,536   get   132,139   get   132,139   get   132,130   lbs     132,430   lbs   4,840     132,430   lbs   1,440     132,430   lbs   lbs     132,43		Silckwater:	96,434	)e6	Aven	age Rate	42.2		P	<u>e</u>				3	20		R 0		<u>e</u>
132,189   gaf     132,430   lbs     14,640   lbs     15,640		16# DeltaFrac 140 (12):	29,201	ga/					P	-	534	118	60	36	70	г	1	1	90
132,189   gal		Total Fluid:	128,636	gel					1				8	04	Š	-	8	97	1
132,430   lbs   lbs     Top Perf   4,840   lbs   lbs     First   First   Lbs		Total Slurry:	132,189	gal															
132,430   lbs		20/40 White:	132,430	lbs															
## 4,840 ## 4,816 ## 4,816 ## 4,816 ## 4,816 ## 6,100   Ferf   Bottom Perf   SPF   # of shots   ## 6,100   4640   4641   3   3   3   ## 6,100   4640   4641   3   3   3   ## 6,100   4640   4641   3   3   3   ## 6,100   4640   4641   3   3   3   ## 6,100   4,100   4,100   3   3   ## 6,100   4,100   4,100   4,100   3   4,100   ## 6,100   4,100   4,100   4,100   3   4,100   ## 6,100   4,100   4,100   4,100   4,100   ## 6,100   4,100   4,100   4,100   ## 6,100   4,100   4,100   ## 6,100   4,100   4,100   ## 6,100   4,100   ##		Total Proppant:	132,430	lbs															
# PERF 4,816 Total Perfs. 39  Top Perf Bottom Perf SPF # of shots  49-047-53494  4675 4676 3 3 3  46674 4685 3 3 3  46674 4685 3 3 3  4708 4709 3 3 3  4721 4722 3 3 3  4721 4722 3 3 3  4721 4722 3 3 3  4721 4722 3 3 3  4721 4722 3 3 3  4721 4722 3 3 3  4721 4722 3 3 3  4721 4722 3 3 3  4721 4722 3 3 3  4721 4722 3 3 3  4721 4722 3 3 3  4721 4772 3 3 3  4771 4772 3 5 6  83.3  900972789			1 40T	ERF	4,840														
FERF 1710 A (464) SPF (4614) SPF			BOTTOM	PERF	4,816						Total Pe	infs: 39			Start Time	-	E-4E	E-1E AM	E-1E AM
Figure Rivers 16-32-820  Three Rivers 16-32-820  Ultra Resources Inc.  December 21, 2013  8,33  Figure 16#  900972789  Figure 16#  116# Delia Figure 21, 2013  Figure 16#  900972789  Figure 16#  116# Delia Figure 21, 2013  Figure 21, 201			A CIW	ERF	4,728					Top Perf	Bottom Perf	SPF	# of shots		End Time	+	90.8	B 28 AM	8.28 AM
9100-8 (4907)  43-047-53494  4675  4675  4676  3  3  4675  4684  4685  3  3  4708  4709  3  3  4721  4722  3  3  4721  4722  3  3  4721  4722  3  3  4721  4722  3  4739  3  4739  4			#		137					4640	4641	3	67		Customer	+	loff o	Inf Cont	ton Can
43-047-53494 4676 5:16 / Time Rivers 16-32-820  Ultra Resources inc. Green River 16# Decirate 140 (12) Hybrid Decirate 21, 2013 833 4814 4814 4816 3 4720 3 4770 4770			BHT GRAD PE	1100-8 (+60-)]						4651	4652	6	e e		Costolier	-	Jen	Jen scott	Jen Scott
S.16 / T.8S / R.20E  Three Rivers 16-32-820 Ultra Resources Inc. Green River 16# DeclarFrac 140 (12) Hybrid December 21, 2013 8,33 900972789 S.16 / T.8S / R.20 8 / A72 8 / A72 8 / A72 8 / A72 8 / A73 8 / A7			#IdV	4	3-047-5349					4675	4676	en	6						
S:16 / T:85 / R:20E  Three Rivers 16-32-820 Ultra Resources Inc. Green River 16# DetarFrac 140 (12) Hybrid December 21, 2013 8.33 900972789  S:16 / T:85 / R:209 3 3 4771 4772 3 3 4814 4816 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										4684	4685	6	67						
Three Rivers 16-32-820  Ultra Resources Inc.  Green River  16# DeltaFrac 140 (12) Hybrid  December 21, 2013  8,33  900972789  Three River  4722  3 3  4776  3 3  4814  4816  3 1  Three River  4777  4772  3 4816  3 1  Three River  4778  4816  3 1  Three River  4778  4816  3 1  Three River  4778  4816  3 1  Three River  4816  3 1  Three River  4816		æ	2. / Twp. / Rng.	S:16	3/T:8S/R:2	30E				4708	4709	3	3						
Ultra Resources Inc.  Green River  16# DeltaFrac 140 (12) Hybrid  December 21, 2013  8,33  900972789  Lintah LT			Well Name	Three	Rivers 16-3;	2-820				4721	4722	m	3						
Green River 16# DeltaFrac 140 (12) Hybrid December 21, 2013 8.33 900972789 1intab LT			Company	Ultra	Resources	Inc.				4738	4739	3	3						
16# DeltaFrac 140 (12) Hybrid  December 21, 2013  8.33  900972789  1 Intab LT			Formation		<b>Sreen River</b>					4759	4760	ю	3						
900972789 4780 3 4778 4780 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Fluid Systems	16# Delta	Frac 140 (12	2) Hybrid				4771	4772	e	3						
8.33 4814 4816 3 900972789			Date	Dec	ember 21, 2(	013				4778	4780	3	9						
		Ba	se Fluid, Ib/gaf		8.33					4814	4816	6	9						
			Sales Order #		900972789														
		ន	County and State		Uintah, UT														

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

		ENTITY ACTIO	N FORM	
Operator:	Ultra Petroleum Inc.		Operator Account Number:	N 4045
Address:	116 Inverness Drive Eas	t Suite 400		
	city Denver			
	state CO	zip 80112	Phone Number:	(307) 367-5041

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
	Multiple Wells						Uintah
Action Code	Current Entity Number	New Entity Number		Spud Da	te		tity Assignment Effective Date
Đ	See List	_19ଡ଼ିମ				ති/	110/15

Comments: Assign multiple wells to a new common entity number. List of wells attached.

TRILL CTB North

Well 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number		Spud Da	<b> </b>	En	 tity Assignment Effective Date
D	See List	19893		•		8/	10/15
Comments:	TB South						

#### Well 3

API Number	Well	lame	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number		Spud Da	te	En	 tity Assignment Effective Date
Comments:							

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

la	SIY	ine	ΔI	lison
	S 11		$\sim$	пасн

Name (Please Print)

Signature

Name (Please Print)

Sr. Permitting Analyst

Title

8/6/2015

Date

WellCode	WellName	API	Current Entity Number	QtrQtr	Section	Township	Range	County	SpudDate
TR16 CTB Nort	h								
TR16-11-820	THREE RIVERS 16-11-820	4304753474	19262	SWNW	16	8S	20E	UINTAH	28-Dec-13
TR16-11T-820	THREE RIVERS 16-11T-820	4304754352	19557	NWNW	16	<b>8</b> S	20E	UINTAH	29-Jun-14
TR16-12-820	THREE RIVERS 16-12-820	4304753475	19263	SWNW	16	85	20E	UINTAH	06-Jan-14
TR16-12T-820	THREE RIVERS 16-12T-820	4304754353	19558	NWNW	16	8S	20E	UINTAH	23-Jun-14
TR16-21-820	THREE RIVERS 16-21-820	4304753229	19024	NENW	16	85	20E	UINTAH	25-May-13
TR16-21T-820	THREE RIVERS 16-21T-820	4304754364	19578	SENW	16	<b>8</b> S	20E	UINTAH	30-Jul-14
TR16-22A-820	THREE RIVERS 16-22A-820	4304754365	19579	SENW	16	8S	20E	UINTAH	26-Jul-14
TR16-31-820	THREE RIVERS 16-31-820	4304753495	19269	NWNE	16	8S	20E	UINTAH	13-Jan-14
TR16-41-820	THREE RIVERS 16-41-820	4304752110	18356	NENE	16	85	20E	UINTAH	31-Jan-12
TR16-42L-820	THREE RIVERS 16-42L-820	4304754269	19491	SENE	16	85	20E	UINTAH	20-Jul-14
TR16-42T-820	THREE RIVERS 16-42T-820	4304754292	19471	NENE	16	85	20E	UINTAH	06-May-14
TR16-44T-820	THREE RIVERS 16-44T-820	4304754356	19561	SENE	16	8S	20E	UINTAH	15-Jul-14
TR16 CTB South	h :			[					
TR16-13T-820	THREE RIVERS 16-13T-820	4304754339	19492	NWSW	16	85	20E	UINTAH	02-Jun-14
TR16-14T-820	THREE RIVERS 16-14T-820	4304754340	19493	NWSW	16	85	20E	UINTAH	06-Jun-14
TR16-22-820	THREE RIVERS 16-22-820	4304753230	18961	NENW	16	<b>8</b> S	20E	UINTAH	31-May-13
TR16-23-820	<b>THREE RIVERS 16-23-820</b>	4304753231	19037	SESW	16	BS	20E	UINTAH	15-Jun-13
TR16-24-820	THREE RIVERS 16-24-820	4304753232	19038	SESW	16	BS	20E	UINTAH	08-Jun-13
TR16-26T-820	THREE RIVERS 16-26T-820	4304754351	19556	NESW	16	85	20E	UINTAH	16-Jul-14
TR16-32-820	THREE RIVERS 16-32-820	4304753494	19185	SWNE	16	BS	20E	UINTAH	27-Sep-13
TR16-32T-820	THREE RIVERS 16-32T-820	4304754290	19470	NWNE	16	BS	20E	UINTAH	01-May-14
TR16-33-820	THREE RIVERS 16-33-820	4304753496	19161	SWNE	16	BS	20E	UINTAH	12-Nov-13
TR16-33T-820	THREE RIVERS 16-33T-820	4304754354	19559	NWSE	16	BS	20E	UINTAH	04-Jul-14
TR16-34-820	THREE RIVERS 16-34-820	4304753472-	- 19278	SWSE	16	<b>BS</b>	20E	UINTAH	24-Jun-14
TR16-34T-820	THREE RIVERS 16-34T-820	4304754355	19560	NWSE	16	<b>3</b> 5	20E	UINTAH	11-Jul-14
TR16-36T-820	THREE RIVERS 16-36T-820	4304754289	19529	SESE	16:	<b>8</b> S	20E	UINTAH	16-Jun-14
TR16-43-820	THREE RIVERS 16-43-820	4304752057	18683	NESE	16	BS .	20E	UINTAH	09-Aug-12
TR16-44-820	THREE RIVERS 16-44-820	4304753473	19268	SESE	16	BS	20E	UINTAH	19-Jun-14
TR16-46T-820	THREE RIVERS 16-46T-820	4304754348	19530	SESÉ	16	BS	20E	UINTAH	11-Jun-14